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HANDBOOK
of
Westinghouse
LIGHTING EQUIPMENT



for
DEALERS · ARCHITECTS · BUILDERS

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COMMERCIAL AND INDUSTRIAL
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CHAPTER I

The
MODERN CONCEPTION
OF LIGHT

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THE MODERN CONCEPTION OF LIGHT



Much could be said about the importance of eyes. Books, volume upon volume, have been written portraying how eyes, next to life itself, are the most vital of all human possessions—how eyes are the most dominant of all senses governing human behavior—how the importance of eyes goes far beyond mere perception in that through registering permanent impressions on the inner consciousness they enable us to think visually. However, the tremendous importance of eyes is a subject that everyone appreciates most deeply. We shrink from the thought of ever losing them. Yet, completely unmindful of the fact, we have for centuries been subjecting eyes to severe strain.

Great strides have been made by eye specialists in the study of the complex organization of the eyes. When the eyes become dimmed or strained the oculists or optometrists are able to prescribe lenses which will in a general sense restore normal vision. However, all of this study and progress has been largely confined to the function of eyes as a tool which can be sharpened whenever becoming dull. We have overlooked the fact that without light this tool would be completely inoperative and useless. Without light we could not see. So it is that modern thinking emphasizes the fact that *seeing is an intimate relationship between vision and lighting*. And through this new thought an entirely new conception of lighting and its importance to human welfare and efficiency has been created.

This modern conception of light deals with the relationship between lighting and the normal function of the eyes, seeing. It deals first of all with the importance of lighting in preventing eye-strain and impairment of vision. And it deals secondly with the importance of lighting in preventing fatigue, muscular tension, and other disorders in the human body.

The facts now brought to light through years of study by Seeing Specialists represent information that everyone should know. And to fully appreciate this information in its broad sense it is interesting to turn back the pages of time and trace the history of man's development of eyes and lighting.

To approach these relationships intelligently and understandingly, some standard measure for the intensity of light must be established. For this purpose scientists have adopted the footcandle, the footcandle being the illumination at a point on a perpendicular surface one foot away from a standard candle. With this accepted unit measure of illumination it is possible to intelligently trace the development of eyes through civilization, discovering the levels of illumination which have contributed to the development of eyes.

From the beginning of civilization, for thousands and tens of thousands of years, man lived outdoors. He used his eyes mostly for seeing distant things, he did very few close visual tasks. His eyes were trained and fashioned to work under natural light. And the intensity of this natural light varies from 1,000 footcandles in the shade of a tree to 10,000 footcandles beneath the bright sun and blue sky.



Natural light—1,000-10,000 footcandles.

All through this outdoor period of evolution, while man was progressing, developing physically and mentally, nature was molding his eyes. It has only been up to the past two centuries that man's life has not been mainly an outdoor one. The last two centuries seem only as yesterday as compared with the thousands of years which preceded the eighteenth century. So it might be said that man has virtually just moved indoors.

THE EVOLUTION OF ARTIFICIAL LIGHT SOURCES



With this change, the entire standards of living have revolutionized. Where children used to work outdoors on the farm, they are now today in school. Whereas man confined his duties to the soil and the trees, he is now working in factories, in offices and in stores. This means that today we are performing tremendously more severe visual tasks and are being forced to perform them under *unnatural, artificial* lighting conditions. Eyes, which have been accustomed to performing naturally under from 1,000 to 10,000 footcandles (natural light), are today being forced to perform many times more critical work at levels of illumination that vary on an average from 1 to 5 footcandles. This fact in itself should explain to a degree why there is so much eye-strain today, why one-fourth of the young people suffer from defective vision, why three-fourths of all people over 50 suffer from defective vision, why 95 per cent of all people over 60 have defective vision.

It is difficult to justify such poor lighting conditions with modern electric light. But just consider this light. We have only had the electric light since 1879, just a bit over 50 years ago. And the development of electric light, although it revolutionized lighting, did not provide a means for proper illumination until

the development of the tungsten filament in 1907. So it might be said from a practical viewpoint that lighting has acquired most of its present importance in the past two decades.

But even with the high, efficient development of the electric lights today, we are still working



The Westinghouse Light Meter

under lighting intensities reminiscent of the candlelight and kerosene light days. These facts have been brought to light through the development of the Light Meter. This new scientific instrument provides a simple, intelligent means of

measuring modern illumination. And it is discovered, amazingly so, that in very few places where eyes are used, is there as much as 10 foot-candles of light.

This totally inadequate illumination has not come about through intentional negligence, but mainly because we have never questioned the electric light. And through this confidence in it little effort has been made to measure it to the end of specifying scientifically-correct illumination. Also we have not been aware of the many vital effects that improper lighting has on the eyes and the human body.

During the past 25 years scientists have devoted great study to the relationship between lighting and vision. They have made many startling discoveries, which are destined to completely revolutionize present lighting standards.

First and most important of these discoveries has been the specification of the proper illumination necessary for the various visual tasks performed. And in this respect they have developed, as mentioned before, the Light Meter which is a convenient, portable and intelligent method of measuring lighting intensities. For instance, take an average private office of today. Scientists have found out that good practice for lighting intensity in an office is 20-30 footcandles for close work and 10-20 footcandles where no close work is performed. However, lighting standards in offices today are far below these specified intensities. Eyes are not only being needlessly strained, but other serious results are being effected.

Eye-strain, of course, is the most obvious result of reading and working under inadequate lighting. But the insidious thing about straining the eyes is the fact that eyes very rarely complain during the periods of strain. Instead, such things as headache, indigestion, sleepiness, nervousness and fatigue make themselves evident, and nine chances out of ten these ailments are attributed at the time to everything except strained eyes.

From this new understanding of the eyes, comes one of the most important discoveries in modern illumination. Practically everyone has had the experience of working indoors at a desk all day long and going home at night more physically tired than if they had been performing manual labor. This phenomenon has been puzzling for years but now it can be easily under-

stood how this fatigue can be caused to a great degree by strained eyes produced by inadequate illumination. And inasmuch as fatigue is one of the greatest factors contributing to inefficiency in business today, lighting, proper lighting, now becomes a vital consideration to everyone.



A man working at a desk all day long under inadequate light can go home more physically tired than a manual worker.



But still another discovery has been made which contributes greatly to specifying proper illumination. This discovery has to do with glare.



Look at the Sun . . . a good example of glare.

It has been found that even with illumination of the proper intensity, that the beneficial effects will be offset if there is glare in the line of vision. In other words, make the simple test of attempting to look directly at the sun for any length of time. You know the results. Glare, similar to this, which comes from bare lamps or bright luminaires in the line of vision have the same effect upon the body and the eyes even though we be unconscious of it at the time. Surface reflections, such as reflection of light from the walls or from a desk, or from an actual piece of work, also contributes a certain glare which must be considered in meeting modern illuminating standards.

Another important fact revealed today is that modern lighting should be uniform throughout the room. Fatigue and muscular tension are created immediately upon shifting the eyes from a bright spot close by to a darker area at a distance. This means that a man working at a desk or reading under the bright light of a portable lamp where the surrounding room is dark is subject to severe fatigue and tension through shifting his eyes from his work to surrounding spots of the room. This does not mean, however, that portable lamps are poor practice, they are very desirable for close visual work. However, it does mean that general illumination must be considered first and local supplementary illumination considered secondly. And it means that in general illumination a type of luminaire (lighting unit) must be specified which will diffuse the lighting of proper intensity

throughout the room so that safe, efficient work can be accomplished in even the corners.

From the brief foregoing explanations it can be readily appreciated that the modern conception of light is an important science. It can be seen how, through the discoveries it has made, a great forward step in human efficiency has been made. It can be understood how, through these new illumination standards, that lighting everywhere will be revolutionized.

New researches are in progress so that great strides in the future can be expected from this new science. Many new startling revelations can be expected pertaining to the relationship of lighting to seeing. This relationship, beyond all shadow of doubt, goes tremendously farther than what is known today. However, the facts we now have are sufficient to guide us in revising present lighting standards and lighting equipment.

We know that lighting intensities today are totally inadequate; we know that there is glare and uneven distribution in present lighting equipment. And we now have the facts, the tools, and new lighting equipment necessary to achieve the new lighting standards. The scientists have pioneered the facts, the manufacturers of electrical lighting equipment have pioneered new luminaires, and now it is directly up to every individual who sells or specifies lighting equipment to pioneer the sale of proper illumination to commercial, industrial, and residential groups.

In order to do this intelligently, it will naturally require a definite technical knowledge of how to specify and design a modern lighting installation. And in order that you might have all of the facts simply, intelligently, and concisely, Westinghouse has provided and combined in this one book complete information regarding the design of a modern lighting installation. Consider this book your handbook and guide book—use it whenever you are specifying a lighting installation.

Banish Inadequate Illumination

For all practical purposes it can be said, and very safely so, that illumination everywhere is totally inadequate. Stores, offices, factories, homes, schools, hospitals, banks, and all other institutions can benefit directly in comfort, efficiency and production, proper illumination offers varying advantages, depending upon the type of

work being done. And from the standpoints of efficiency and productiveness, better lighting has a very definite monetary saving to individuals.

How better lighting pays its cost is shown best by this example: A series of tests conducted in the offices of seven large firms who thought their office lighting was "very good" proved conclusively that the transcription of shorthand notes average 20.1 per cent faster with scientific illumination. Even typewriting from printed copy shot up 11.2 per cent.

Another example, (and there are hundreds more) in the stencil department of a large, national magazine the lighting was harsh and glaring. A new system was installed providing soft, even light at a 50 per cent increase in electrical consumption. A careful check of production showed, that with the new system the savings effected through increased production alone paid for the entire installation in 90 days. Each day thereafter the new system actually earned \$1.10 per day over the operating cost.

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CHAPTER II

THE DESIGN
OF
INTERIOR LIGHTING
INSTALLATIONS

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INTRODUCTION

Intelligent specification of a particular lighting installation in which it is desired to achieve a definite lighting intensity requires more than a "rule of thumb" specification system. Even the most experienced lighting engineer cannot afford to guess as to the types of luminaire and the wattage required . . . keeping in mind that a lighting representative is not selling mere lighting equipment, but is selling *proper illumination*. To achieve proper illumination for a specified installation, the lighting representative must have certain technical information and formulas to choose the proper lighting equipment.

A very simple method has been worked out whereby lighting equipment can be simply and intelligently specified for any installation. This method is explained in detail in the following chapter.

PROCEDURE FOR THE DESIGN OF AN INTERIOR LIGHTING INSTALLATION

The generally accepted procedure in making interior lighting calculations is as follows:

1. Decide the footcandle illumination required. Refer to Table I for recommended values.
2. Decide the Room Factor. Refer to Table II for rating.
3. Select the type of lighting units best adapted to the location and the activity to be performed.
4. Determine the size of lamp to provide the necessary footcandles with the luminaire selected and the correct mounting height and outlet spacing. Refer to Tables III-A to III-E.
5. Check capacity of wiring. Refer to Tables IV and V.

The explanation of the above procedure is printed on the following pages.

I—Deciding the Footcandle Illumination Required

As has been mentioned previously the basis for specifying proper illumination is the proper footcandle intensity of illumination for the installation under consideration. In every instance, where new illumination is being considered, the Light Meter will portray in footcandles the existing intensity of illumination. The first step in the design of an interior lighting installation therefore, must be to determine the existing intensity and the degree to which it must be increased to realize proper intensities.

In Table I are given the footcandle values of il-

lumination that have been found by experience to be desirable for quick and comfortable vision. Where any particular location or operation is not listed, a comparable place of industry may be substituted. The footcandle illumination values are given for an average horizontal working plane 30 inches high, this is an accepted engineering standard.

After referring to these tables and securing the footcandle intensity required, the next step is the specification of lighting equipment and wattage which will provide the specified intensities.

II—Determining the Room Factor

Lighting equipment must be fashioned to conform with the physical characteristics of a room just as a suit of clothes must be fitted to the physical characteristics of an individual. A room must be appraised first from the standpoint of its general proportions; second, from the color and the material of the walls and ceiling; and third, from the standpoint of its situation, whether it is located where the air is reasonably clean or whether there is a presence of dust, dirt, soot, smoke, or other similar elements which would tend to collect on, or in, the lighting units and thereby reduce efficiency. A simple table, Table II, has been prepared which gives a general summary of these conditions, and will prove very helpful in selecting lighting units of proper wattage and proper character.

Note first of all the general proportions of the room, whether its width is twice, three or four times the ceiling height, or whether it is approximately equal to the ceiling height.

Now note the texture and color of the walls and ceiling. The illumination in any room is dependent upon the amount of light reflected from the walls and ceiling. White walls reflect more light than gray walls . . . gray walls reflect more light than black walls. Therefore, in appraising the color of the walls and ceiling three general classifications are used: Light, medium, dark.

The following table gives some idea of the colors in these three classifications and of their different reflecting qualities:

PER CENT LIGHT REFLECTED FROM TYPICAL WALLS AND CEILINGS			
Surface	Class	Color	Per Cent
Paint Caen Stone	Light	White	81
		Ivory	79
		Cream	74
		Cream	69
Paint Caen Stone	Medium	Buff	63
		Light Green	63
		Light Gray	58
		Gray	56
Paint Wood Cement Brick	Dark	Tan	48
		Dark Gray	26
		Olive Green	17
		Light Oak	32
		Dark Oak	13
		Mahogany	8
		Natural	25
		Red	13

After noting the general proportions of the room, the second step in selecting a Room Factor is to determine whether the walls and ceiling are light, medium, or dark. The third and final step is deciding whether or not the air is clean or subject to dusty, sooty, or smoky conditions. This third consideration is referred to as a *maintenance condition* in that it has to do with the maintenance of the lighting unit. There is no definite table or guide to go by in selecting this condition except observation. This condition is classified as either Very Good or Fair.

Now, by referring to Table II, with the room proportions in mind, with the classification of Light, Medium, or Dark for color, and Very Good

or Fair for maintenance, the Room Factor can easily be determined. This factor is not a numerical one, but is given in terms of "A", "B", and "C".

III—*Selecting the Type of Lighting Unit Best Adapted To the Location and the Activity To Be Performed*

As a preface to this step it is first necessary to have a thorough understanding of the distinction between direct lighting, semi-indirect lighting and indirect lighting.

It will be noted that lighting units are constantly referred to as "luminaires." Luminaire is now an official term applied to lighting units of all types which in the past has generally been called "lighting fixtures."

Direct Lighting

Luminaires which direct at least one-half of the light downward are termed "direct lighting luminaires." The efficiency of direct lighting luminaires in providing the highest footcandle intensity per watt is greatest of all. *However, the likelihood of glare or glaring reflections from glossy surfaces is greater.*

Semi-Indirect Lighting

Luminaires which direct more than 50 per cent of the light upward but allow some light to pass through the under section down into the room are called "semi-indirect luminaires." One of the greatest advantages of this type of luminaire is that just enough light is permitted to pass through the underside of the basin or bowl to make it luminous and thus blend in with the general illumination effect in the room. Dark spots ordinarily caused by the luminaire itself are completely eliminated. Also, there is no glare from this type of luminaire, making it particularly acceptable in the new lighting standards. It must be noted here that semi-indirect lighting distributes and diffuses the light more than direct lighting so that uniform footcandle intensity is maintained throughout the room, thus providing higher footcandle intensity, per watt at distant points. Of all the different types, semi-indirect lighting is best fitted to meet

the new lighting standard. Light-colored ceilings and upper side walls are essential to the effectiveness of this type of lighting.

Indirect Lighting

Luminaires of the totally indirect type are inverted reflectors of opaque material, such as mirrored or processed glass or porcelain enamel. All of the light first strikes the ceiling and is then reflected down into the room. The ceiling acts as a secondary light source of large area, with low brightness and maximum diffusion. Glare from the luminaires is at a minimum, and maximum softness of shadow is obtained. Totally indirect lighting, like semi-indirect lighting, is particularly suitable for an interior in which it is desired to create a subdued and soft lighting atmosphere.

Commercial Lighting

In determining the type of luminaire for commercial installations it must be kept constantly in mind that glare must be avoided and that uniform distribution of the illumination must be achieved as much as possible. The most desirable illumination for these installations is that supplied by the semi-indirect luminaires. And it will be found that in almost every instance that the semi-indirect luminaire can be used. Some of the larger stores may be exceptions to this rule, requiring direct lighting luminaires because of physical characteristics of the room such as extremely high ceilings, etc., and also because certain types of stores find it advantageous for store lighting to be unusually brilliant.

Inasmuch as the semi-indirect luminaire depends upon the ceilings and the walls for diffusing and distributing the light throughout the room, careful attention should be paid to the ceiling and the walls to see that they are sufficiently light in

color and not too extremely broken up by deep beams. Other conditions influencing the choice of lighting equipment are: Appearance of the lighted room, direct and reflected glare, shadows, vertical illumination and ease of relamping.

In practically all commercial installations semi-indirect lighting is most desirable, inasmuch as these luminaires are the most practical for elimination of glare and even distribution of illumination.

Westinghouse provides two types of semi-indirect luminaires; the open basin type, the Magnalux, and the totally enclosed globe type, the Lunalex, and Lunaire. Both of these luminaires are extremely efficient. The most recent and advanced of the two is the Magnalux. This luminaire is 92 per cent efficient, extremely attractive and decorative in design, easy to clean, durable, and the illumination it provides is unequalled by any other commercial luminaire. Magnalux, because of its Galax glass, reduces glare to a minimum and makes possible uniform, soft illumination required for eye comfort and physical well being.

Westinghouse also provides a complete line of direct lighting luminaires for use where semi-indirect lighting is not to be specified. The Sollux, Sollaire and Sollite luminaires are offered in plain and decorated designs to meet practically every need.

Industrial Lighting

In industrial locations where appearance is an unimportant factor and maximum efficiency is desired, open bottom reflectors of porcelain enameled steel, chromium plate or aluminum should be used.

Direct glare, reflected glare, insufficient illumination, non-uniformity of illumination, harsh shadows and gloom, are characteristics of poor illumination which must be avoided in the design of any good industrial lighting installation.

Direct glare usually results from the use of bare lamps, or lamps that are not correctly shielded from the eye. This condition may be corrected through the use of proper reflectors, deep enough to shield the lamp filament and suspended at a proper height.

Reflected glare, although difficult to eliminate where polished or glossy surfaces are below the level of the worker's eyes, may be greatly reduced by the proper placing of the light source, or by the use of white bowl lamps, inside frosted lamps, or diffusing glassware.

Insufficient illumination is usually caused by the improper placing of lighting equipment with relation to the work, or by the use of lamps of insufficient wattage or unsuitable reflectors.

Non-uniformity of illumination generally results from too wide a spacing of outlets for the mounting height, or from the use of bare lamps or unsuitable reflecting equipment.

Harsh shadows are usually caused by lack of diffusion, by improperly directed light, or too wide spacing of units. This condition may be overcome by the use of white bowl lamps, inside frosted lamps, or diffusing glassware accessories properly located.

Gloom is usually the result of dark surroundings, or of inadequate general illumination. It may prevail even though high intensities of illumination are provided on the work; dark side walls, ceilings, and machinery produce this depressing effect. To avoid gloom, walls and ceilings should be finished in light colors and proper intensities of general illumination provided.

Most of the above evils can be overcome by specifying the proper type of industrial reflectors. Many types and kinds of reflecting equipment are used in industrial lighting. The tendency is to standardize on lighting equipment for the more common areas and operations. Porcelain enameled steel reflectors are in popular favor due to their durability and efficiency. Of this type, the RLM Standard Dome Reflector is extensively used and with satisfactory results. This reflector has a wide light distribution, yet is so designed that glare is minimized.

RLM Standard Dome Reflectors are manufactured in five different sizes. It is of vital importance that the proper lamp be used with each size of reflector. If too small a lamp is used in a reflector the light is confined to a limited area and the efficiency of the unit is greatly reduced. If too large a lamp is used with a reflector the lamp itself protrudes beyond the bottom edge, causing glare.

The correct lamp for each size of reflector is shown in the following table:

RLM Dome (Reflector Diameter) Inches	Glassteel Diffuser (Reflector Diameter) Inches	Size Mazda Lamp, Watts
12	—	50*, 60*, 75, 100
14	—	150
16	—	200
—	18	150, 200
18	20	300, 500
20	—	750, 1000, 1500
—	24	750, 1000

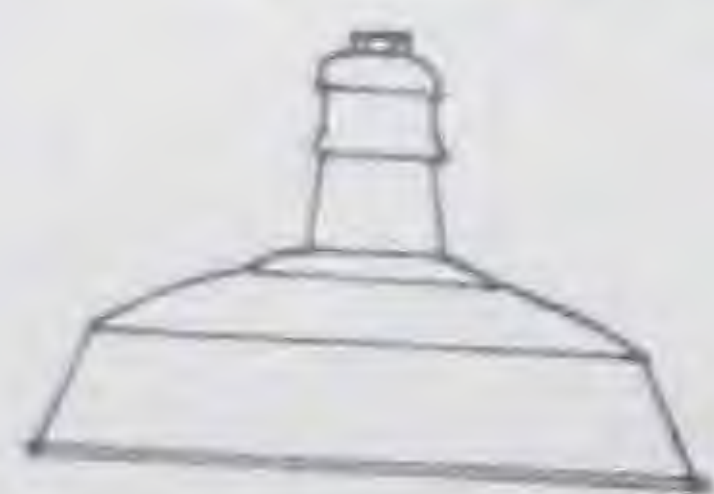
*With socket extension

Narrow interiors having high ceilings and especially those in which the reflectors must be mounted above traveling cranes, require lighting units with a fairly concentrated distribution. Thus, with reflectors of this type, the majority of light is directed on the working area where it is most needed. Polished metal reflectors, with accurate directional control of light and suitable distribution, are recommended for high mounting service.

In most industrial establishments, close work is done at benches or machines which are located near windows to secure maximum daylight. The artificial illumination for such locations should be planned with special consideration for the work to be done. Where local illumination of a relatively high intensity is necessary the porcelain enamel deep bowl reflector finds its chief application. The deep bowl reflector with a comparatively low wattage lamp may be suspended close to the work, thus efficiently providing supplementary illumination of high intensity.

However, to simplify the specification of proper industrial reflectors for specific applications, the following tables have been prepared:

INDUSTRIAL REFLECTORS



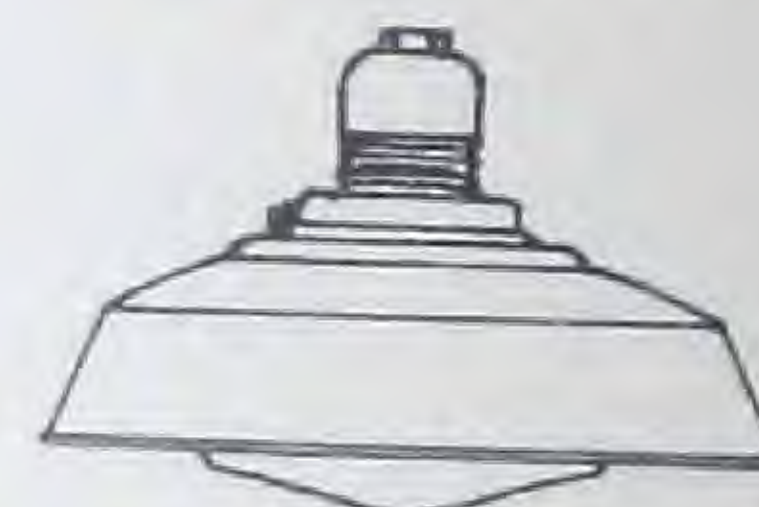
RLM Standard Dome Reflectors, most widely used for providing general illumination in industrial interiors.



RLM Standard Dome Reflectors with dust tight glass cover. Used for locations where smoke or dust is likely to reduce the efficiency of the reflecting surface.



Heavy Duty RLM Reflectors and Hoods used principally for railroad repair shops and steel mills or any other place where equipment may be subjected to more than ordinary service.



Glassteel Diffusers used where it is desirable to obtain a softer, better diffused light than that provided by the RLM. Also can be equipped with a blue glass globe for installation where color discrimination is necessary.



Chromium Plated Reflectors designed for use in industrial interiors where more than ordinary corrosive influences are present. Obtainable in three sizes for low, medium and high mounting heights.



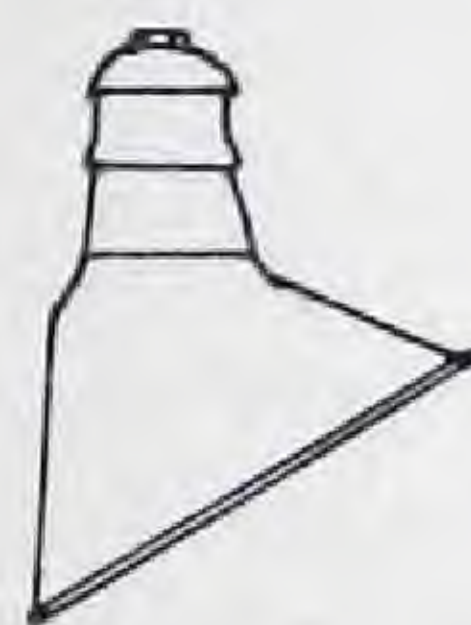
Aluminum Reflectors designed for use in industrial interiors where reflectors must be mounted more than 20 feet above the floor in narrow interiors, such as crane ways. Obtainable in three sizes for low, medium and high mounting heights.



Shallow Dome Reflectors used to illuminate areas infrequently used, such as storage areas or outside locations. Provides a wider distribution of light, but does not conceal the lamp filament sufficiently to eliminate glare.



Deep Bowl Reflectors find their chief application in places where a strong local light must be provided with more than ordinary shielding of the light source.



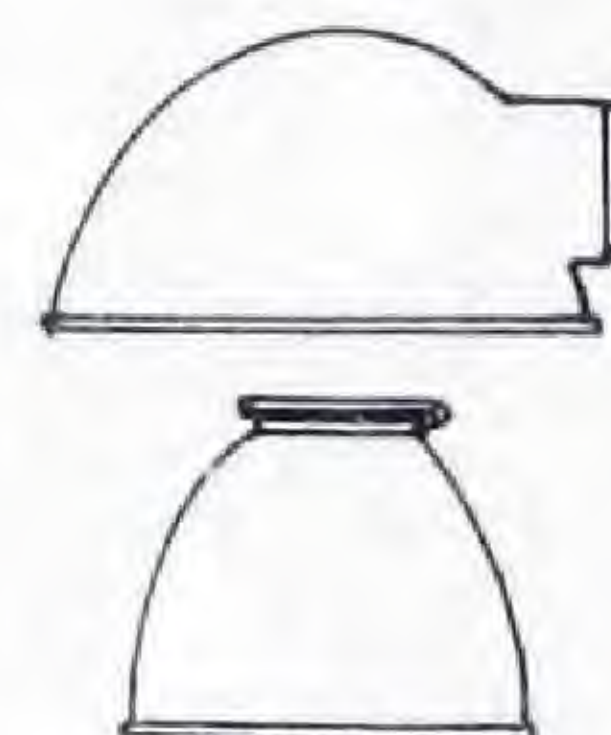
Symmetrical Angle Reflectors used for installations where lighting must be done from the side, or for the illumination of vertical surfaces.



Elliptical Angle Reflectors used in the same manner as Symmetrical Angle Reflectors, but provide a wider lateral distribution.



Vapor Proof Units designed for use in industrial interiors to prevent corrosive, inflammable or explosive dusts and vapors from reaching the lamp or socket.



Local Lighting Reflectors used where a high intensity of illumination on a small area is desired such as lathes, drill presses, power sewing machines, fine inspection, etc.

IV—Determining the Size of Lamps To Provide the Necessary Footcandles with Units Selected

The selection of the proper wattage for each lighting unit selected is of prime importance in securing the footcandle intensity desired. Although the Tables provided in this chapter for selecting the correct wattage are simple and easy to use, the utmost care should be exercised in using them.

The next step is to determine whether the existing ceiling outlets in the room are properly located so that if one luminaire of the type selected is installed at each outlet an evenly distributed illumination over the room will be obtained. The spacing between outlets is dependent upon the mounting height of the luminaires. The mounting height is the distance from the floor to the bottom of the globe or reflector of the luminaire. A good rule to follow is that the spacing between luminaires

should be approximately equal to the mounting height and in no case should the spacing be more than $1\frac{1}{2}$ times the mounting height if an even distribution of light is desired. The distance from the wall to the first outlet should be approximately $\frac{1}{2}$ the distance between outlets. 9 to 12 ft. are desirable mounting heights to work toward in most commercial or industrial interiors. Suspension type luminaires are to be preferred over ceiling type for commercial interiors because they give the room a better appearance. The maximum distance at which the luminaires can be mounted above the floor i.e. the maximum mounting height is obtained by subtracting the overall length of the unit as given in the Catalog from the ceiling height of the room.

Desirable mounting heights for various spacings may be obtained from Tables III-A to III-F, depending upon the luminaires to be used. In case a semi-indirect type of luminaire—Magnalux, Lunalex or Lunaire,—is to be used, the distance from the ceiling to the top of the basin or globe is important. Minimum distances for various spacings are given in Table III-C for these luminaires. Determine the mounting height which will be used and write it down next to the other calculations.

If the present ceiling outlets can be used, the next step is to determine the Area Per Outlet by dividing the area of the room by the number of outlets:

$$\text{Area Per Outlet} = \frac{\text{Total Area}}{\text{Number of Outlets}}$$

Now refer to Tables III-A to III-E. You will note that these Tables are classified by the type of lighting units. Turn to the Table for the type of lighting unit selected and then proceed with the calculation.

The first vertical column refers to "Area per Outlet." Glance down this column to the Area per Outlet called for by the specifications. Then, ignoring the next two vertical columns on "Approximate Spacing" and "Mounting Height," refer straight across to the fourth vertical column headed "Room Factor." Now, following a horizontal

line to the right from the Room Factor written down in the specifications (A, B and C), proceed to the column which gives the footcandle intensity selected. Now refer to the heading of this column and it will give the wattage required in each outlet to provide the desired footcandle intensity. Here is the figure all of the calculations have been made for.

If it is found, as outlined above, that the present ceiling outlets are spaced too far apart for the permissible mounting height or if there are no existing outlets, it will then be necessary to determine a satisfactory spacing corresponding to the mounting height decided upon.

Refer to Tables III-A to III-E, depending upon the luminaire selected and locate the mounting height figure in the "Minimum Mounting Height" column. The approximate spacing which should be used will be found in the adjacent column to the left. Now make a plan drawing of the room to scale and on it locate the outlets using the approximate spacing just found. The distance from the wall to the first outlet should be approximately equal to $\frac{1}{2}$ the distance between outlets.

After the outlets have been located and the total number determined proceed as before in determining the "Area per Outlet" and "Necessary Wattage per Outlet."

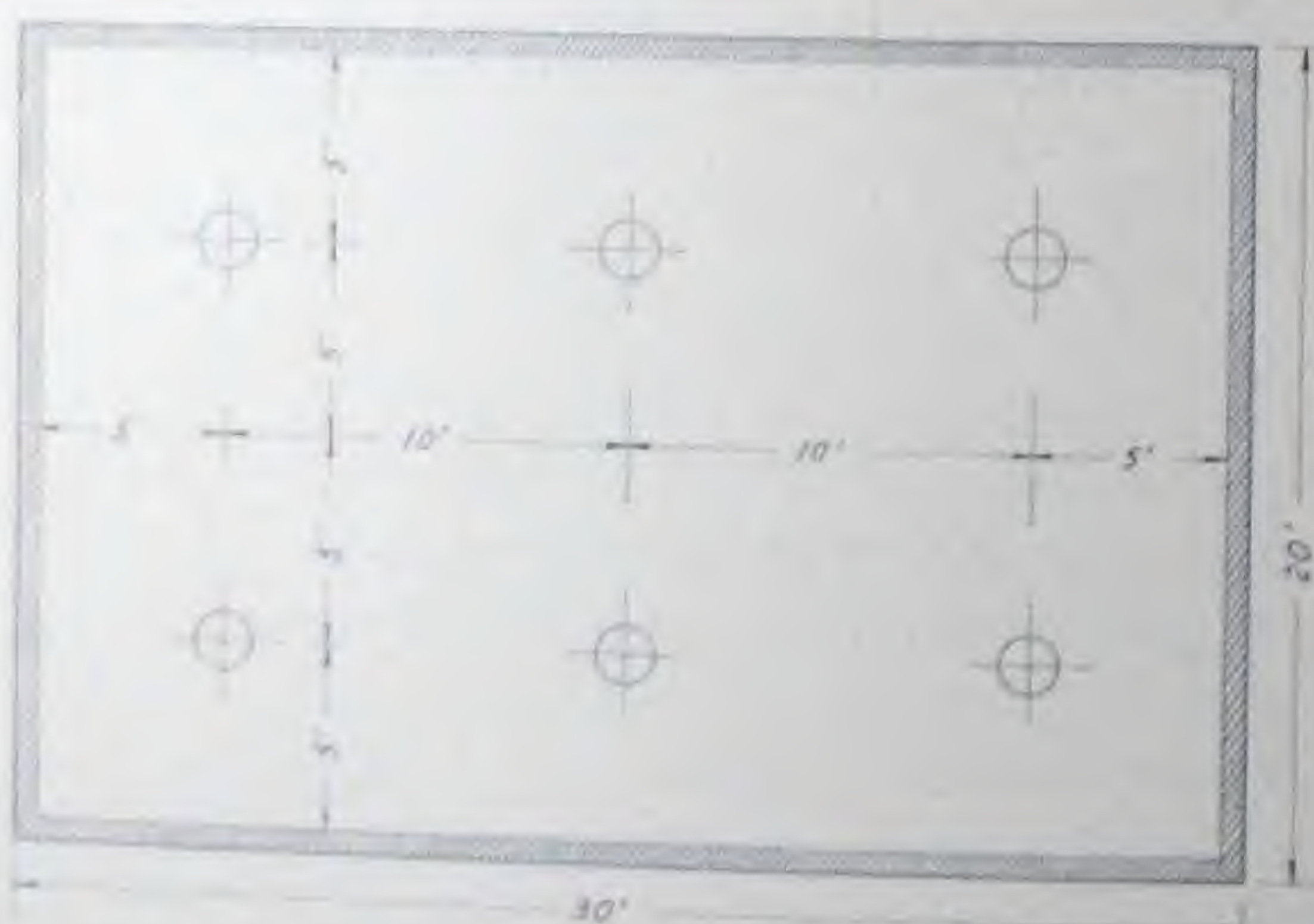
EXAMPLE

Suppose the specifications are as follows:

Footcandles Desired	12
Room Factor	A
Lighting Unit	Sollux
Room Dimensions	20' x 30'
Spacing of Outlets	10' x 10'
Ceiling Height	15'
Number of Outlets	6
Area per Outlet	100

(A)

The overall length of the Suspension Type Sollux Luminaire is approximately 3 ft. which is obtained from the Catalog of Equipment. Subtracting 3 from the ceiling height of 15 ft. gives 12 ft. as the maximum mounting height possible if Standard Suspension Type Sollux Units are installed. Referring to Table III-D, it will be found that with the present spacing of outlets, namely



10 ft. by 10 ft., a mounting height of 12 ft. will be satisfactory.

The next step is to determine the size of lamp which shall be used to obtain 12 footcandles. The Area per Outlet is 100. Referring to Table III-D, we find that 100 falls in the range, 95-110, in the "Area per Outlet" column. Traversing the Table to the right we locate the "Room Factor" A and

TABLE III-D

SOLLUX—SOLLAIRE—SOLLITE								
Area Per Outlet (Sq. Ft.)	Approximate Spacing (Feet)	Minimum Mounting Height	Room Factor	Average Foot-Candles				
				100 Watt	150 Watt	200 Watt	300 Watt	500 Watt
55- 65	7½ x 7½	7½	A B C	7-9 5-8 3-4	10-14 7-10 4-5	15-22 11-15 7-9	24-35 18-24 11-14	43-63 31-43 20-25
65- 75	8½ x 8½	8½	A B C	6-7 4 5-5 0 2 5-3 0	9-13 6-9 4-5	13-19 9-13 6 5-8 0	21-30 14-21 10-13	37-54 26-37 18-23
75- 85	9 x 9	8½	A B C	5-6 4 0-4 5 2 5-3 0	8-11 5-8 3 5-5 0	11-17 8-11 6-7	18-27 13-18 10-11	31-48 23-31 17-20
85- 95	9½ x 9½	9	A B C		7-10 5-7 3-4	10-14 7-9 5-6	17-24 11-17 7-11	31-43 20-31 13-20
95-110	10 x 10	9	A B C		6-9 4-6 2 5-4 0	9-12 6-8 4 5-5 0	15-21 9-15 6-9	27-38 16-27 11-16
110-125	11 x 11	10	A B C		5-7 4 5-5 0 2 5-3 0	8-11 5 5-7 0 4 0-4 5	13-19 8-13 6-8	23-34 14-23 11-14
125-145	11½ x 11½	10	A B C		5-6 3 5-4 5 2-3	7-9 5-6 4 5-4 0	11-16 7-11 5-7	20-29 13-20 9-13
145-170	12½ x 12½	11	A B C			6-8 4 5-5 0 3 0-3 5	9-14 6-9 4-6	17-25 11-17 7-11
170-200	13½ x 13½	11	A B C			5-6 4 0-4 5 2 5-3 0	8-11 5-8 3 5-5 0	14-21 9-14 6-9
200-230	14½ x 14½	12	A B C				7-10 4-7 3-4	12-18 8-12 5-8
230-260	15½ x 15½	13	A B C				6-9 3 5-6 0 2 0-3 5	10-14 7-10 5-7
260-300	16½ x 16½	13½	A B C				5-7 3-5 2 5-3 0	9-13 6-9 4-6
300-340	18 x 18	14½	A B C					8-10 5-8 3 5-5 0

opposite "A" we find the "Average Footcandle" range 9-12. At the head of this column we find 200-watt, the size of lamp which should be installed at each outlet to produce approximately 12 footcandles.

(B)

Suppose that in the above room specifications the ceiling height had been 10 ft. instead of 15 ft. If the Suspension Type Sollux were used, the maximum mounting height possible would then be only 10 minus 3 or 7 ft. Referring to Table III-D we find that the minimum mounting height for 10 ft. by 10 ft. spacing is 9 ft., so the Suspension Type Sollux cannot be used. In this case it would therefore be necessary to use the Ceiling Type Sollux. According to the Catalog the Ceiling Type Sollux has an overall length of approximately 1 ft. so the maximum mounting height possible would be 10 minus 1, or 9 ft. which is satisfactory for a spacing of 10 ft. by 10 ft. The calculation to determine the lamp size would be exactly the same as before.

(C)

Now suppose that the ceiling height had been 10 ft. and that there had been only 3 outlets located in one row down the center of the room in-

stead of a total of 6 outlets located in two rows. The "Area per Outlet" would then be

$$\frac{20 \times 30}{3} = 200 \text{ sq. ft.}$$

which is equivalent to a spacing of about 14 ft. by 14 ft. as shown in Table III-D.

Since the ceiling height is 10 ft., and the overall length of the Ceiling Type Sollux is about 1 ft., the maximum mounting height possible is 10 minus 1, or 9 ft. The minimum mounting height which should be used with a 14 ft. by 14 ft. spacing is 12 ft., as also shown in Table III-D so obviously, the spacing must be reduced by installing more outlets.

Referring still to Table III-D it will be found that for a mounting height of 9 ft. the spacing should be approximately 10 ft. by 10 ft.

A new layout of outlets should now be made on a plan drawing of the room to scale using a 10 ft. by 10 ft. spacing. It is found that 6 outlets will be needed.

The Area per Outlet for six outlets is now determined and the calculation of the "Necessary Watts per Outlet" is made as before.

V—Checking Capacity of Wiring

Frequently in modern practice, structures are erected before their exact use by even the initial occupant is known. Future tenants or unforeseen changes must always be considered in planning the electrical installation. Table IV will enable architects, builders and electrical contractors to install adequate wiring for all the probable lighting requirements of any particular type of building. It is not to be understood, however, that lighting systems should not be especially designed for each particular type of operation or use to which each area will be put. The purpose of this table is to insure sufficient wiring capacity not only for modern lighting but also for any anticipated future uses of the structure.

In this line, it is well to advise close inspection of the type of wiring in a building before making any type of recommendations for the new luminaires to be

installed. Frequently, it will be found that a complete rewiring job is necessary before luminaires of the proper size and wattage can be installed.

The economical operation of incandescent lamps requires that they be burned at their rated voltage. Relatively, long runs of wire which may be in accordance with the underwriters' requirements and quite safe from the standpoint of fire hazards, can cause an excessive voltage drop. In order to provide as uniform voltage as possible, it is recommended that wire sizes be computed for not over a two-volt drop from panel to the farthest outlet or any circuit. This, because, as previously noted in this book, a voltage drop of 5 per cent in a line means a decrease of 15 per cent in the light output of the lamp. For correct wire sizes to meet required capacities refer to Table V.

VI—Lighting of Displays

Modern show windows, show-cases and wall cases each have approximately the same general proportion and permit standardized lighting installations. It is thus possible to give simple, definite recommendations making elaborate or complicated calculations unnecessary. The primary requisite should be to make the display stand out brilliantly in contrast to its surroundings. In illuminating displays, light sources and lighting equipment should be carefully concealed from view. Suitable reflecting equipment insuring a most efficient utilization of the light and giving very satisfactory results is available.

Color lighting is a valuable adjunct to the usual lighting of displays and may be employed to greatly increase the attractive power of exhibit, particularly in show windows. Color should, however, be used with discretion. The object should be to "paint with colored light," adding a shaft of light here and there to give depth and tone to the inherent colors of the goods on display. All of the standard show window reflectors may be equipped with color producing media. Some are furnished with attachments for gelatin or glass screen; others secure color by means of glass tops or hoods which are attached to the lamp bulb.

VII—Lighting of Show Windows

The intensity of illumination in a show window should be sufficient to make the display stand out in contrast to its surroundings. That desire required in any particular window will depend upon the brightness of the locality in which it is situated. Table VIII gives the sizes of lamps and spacing of outlets for show windows on various types of streets in cities of different sizes.

The outlets should be installed in a vertical position along the front upper edge of the window

as near as practicable to the window glass. Each outlet should be equipped with either the prismatic, polished metal or mirrored glass reflector designed for show window service. With each of these types, the style of reflector depends upon the proportions of the window and can be readily selected from the manufacturer's published information.

It is good practice to have the equipment concealed from view either by a valance between the

reflectors and the window, or by recessing the equipment in the ceiling. In corner windows where the equipment may be seen from the rear or side, it should be concealed from view either by recessing or by a rear valance. Where desirable to shield or soften the brightness of the light source, louvers or prismatic glass covered plates should be employed.

In addition to the usual show window reflector equipment, which, if properly installed, would give a high uniform intensity of light on the display, it is often desirable to illuminate an important part of the exhibit to an unusually high intensity. For this purpose spotlights should be installed nearer the front corners of each show win-

dow, and, if the window be a long one, at other strategic points. The spotlight should be provided with adaptors and color filters for color emphasis.

The value of a display may be totally lost during the daytime, because of daylight window reflection. Equipment should be provided to offset such conditions. The present practice is to employ 500 watt lamps on 18 inch centers. This will sufficiently eliminate window reflection and if wired in two or more circuits, one-half or one-third of the installation can be used for illuminating the window at night. Recommendations as given in Table VIII will be sufficient for night illumination but can be appropriately supplemented by spot, flood and footlights.

VIII—*Lighting of Show-Cases*

Show-cases are miniature show windows and in their lighting should be treated as such. About four times the intensity of the general store illumination should be provided. The outlets should be installed along the front upper edge of the case as near as practicable to the front glass. Unlike show windows, it is not as a rule practicable to conceal the lighting equipment by a valance or by other means. Manufacturers, however, have so designed and constructed their equipment that it is small and inconspicuous.

The individual show space reflector or the trough-type reflector may be satisfactorily employed. Individual reflectors are usually installed on 12" to 24" centers with 25 watt lamps. Where a relatively higher order of illumination is provided in the store itself or where dark goods are displayed, the 40 to 50 watt lamps should be used.

Trough-type reflectors are usually installed with 25 watt lamps on 12", 18" or 24" centers. The 40 watt lamp should be used where a higher order of illumination is desired.

IX—*Lighting of Wall Cases*

The illumination in the wall case should be two or three times the value of the general store illumination. These cases can be illuminated with small individual reflectors similar to the type used in show windows, employing 60 watt lamps on 24" centers for the usual installation. Another method which is quite suitable and rather inconspicuous is the use of diffusing glass panels in the top of the case, locating them 3" back from the front. These should be 12" deep running the entire length of the case, and have 60 watt A-21 bulb lamps located on 18" to 24" centers placed horizontally about 5" above the glass. To secure maximum utiliza-

tion of light, the lamps should be covered by a metal or wooden housing finished in white or on the inside.

Obviously, the recommendations given in this section for lighting various classes of displays apply only to show windows, show-cases or wall cases of the more usual type. In each of these methods of display, the majority of windows or cases will be found to be very similar in size and general proportion. Where unusual dimensions, shelving or other features are involved, lighting authorities should be consulted.

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SPECIFICATION TABLES

for the

**DESIGN OF INTERIOR
LIGHTING INSTALLATIONS**

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TABLE I
PRESENT STANDARDS OF ILLUMINATION FOR INDUSTRIAL INTERIORS

For the manufacturing Processes marked with an asterisk ()
other factors, such as direction of light, are of unusual importance.*

	Footcandles Recommended		Footcandles Recommended
Aisles, Stairways and Passageways	5	Garage—Automobiles	
Assembling		Storage—Dead.....	5
Rough.....	10	—Live.....	10
Medium.....	10 — 20	Repair Department and Washing.....	10 — 20
Fine.....	20 — 30	Glass Works	
Extra Fine.....	50 — 100	Mix and Furnace Rooms, Pressing and	
Automobile Manufacturing		Lehr, Glass Blowing Machines.....	10
Automatic Screw Machines.....	10 — 20	Grinding, Cutting glass to size, Silvering.....	10 — 20
Assembly Line.....	10 — 20	Etching and Decorating.....	20 — 30
Frame Assembly.....	10 — 20	Glass Cutting (Cut Glass).....	30 — 50
Tool Making.....	20 — 30	*Fine Polishing and Inspecting.....	30 — 50
Body Manufacturing—		Glove Manufacturing	
Assembly.....	10 — 20	Light Goods—	
*Finishing and Inspecting.....	50 — 100	Cutting, Pressing, Knitting.....	10 — 20
Bakeries	10 — 20	Sorting, Stitching, Trimming and In-	
Book Binding		specting.....	20 — 30
Folding, Assembling, Pasting, etc.....	10	Dark Goods—	
Cutting, Punching and Stitching.....	10 — 20	Cutting, Pressing, Knitting.....	20 — 30
Embossing.....	20 — 30	Sorting, Stitching, Trimming and In-	
Candy Making	10 — 20	specting.....	50 — 100
Canning and Preserving	10 — 20	Hat Manufacturing	
Chemical Works		Dyeing, Stiffening, Braiding, Cleaning and	
Hand Furnaces, Boiling Tanks, Stationary		Refining—	
Driers, Stationary or Gravity Crystal-		Light.....	10
lizing.....	5	Dark.....	10 — 20
Mechanical Furnaces, Generators and		Forming, Sizing, Pouncing, Flanging,	
Stills, Mechanical Driers, Evaporators,		Finishing, Ironing.....	10 — 20
Filtration, Mechanical Crystallizing,		Sewing—	
Bleaching, Tanks for Cooking, Extract-		Light.....	10 — 20
ors, Percolators, Nitrators, Electrolytic		Dark.....	50 — 100
Cells.....	10	Ice Making	
Clay Products and Cements		Engine and Compressor Room.....	10
Grinding, Filter Presses, Kiln Rooms....	5	Inspecting	
Molding, Pressing, Cleaning and Trim-		Rough.....	10
ming, Enameling.....	10	Medium.....	10 — 20
Coloring and Glazing.....	10 — 20	Fine.....	20 — 30
Cloth Products		Extra Fine.....	50 — 100
Cutting, Inspecting, Sewing		*Glossy or Polished Surfaces.....	Special Glint Lighting
Light Goods.....	10 — 20	Jewelry and Watch Manufacturing	50 — 100
Dark Goods.....	50 — 100	Laundries and Dry Cleaning	10 — 20
Pressing, Cloth Treating (oil cloth, etc.)		Leather Manufacturing	
Light Goods.....	10 — 20	Vats.....	5
Dark Goods.....	20 — 30	Cleaning, Tanning and Stretching, Cut-	
Coal Breaking, Washing, Screening	5	ting, Fleshing and Stuffing.....	10
Construction, Indoor General	5	Finishing and Scarfing.....	10 — 20
Dairy Products	10 — 20	Leather Working	
Electric Manufacturing		Pressing, Winding and Glazing.....	10 — 20
Storage Battery, Molding of Grids, Charg-		Grading, Matching, Cutting, Scarfing,	
ing Room.....	10	Sewing—	
Coil and Armature Winding, Mica Work-		Light.....	10 — 20
ing, Insulating Processes.....	10 — 20	Dark.....	50 — 100
Elevator		Locker Rooms	10
Freight and Passenger.....	10	Machine Shops	
Engraving	50 — 100	Rough Bench and Machine Work.....	10
Forge Shops and Welding	10	Medium Bench and Machine Work,ordi-	
Foundries		nary Automatic Machines, Rough	
Charging floor, Tumbling, Cleaning, Pour-		Grinding, Medium Buffing and Polish-	
ing, Shaking Out, Rough Molding and		ing.....	10 — 20
Core Making.....	10	Fine Bench and Machine Work, Fine Auto-	
Fine Molding and Core Making.....	10 — 20	matic Machines, Medium Grinding,	
		Fine Buffing and Polishing.....	20 — 30
		Extra Fine Bench and Machine Work,	
		Grinding (Fine Work).....	50 — 100

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	Footcandles Recommended
Meat Packing	
Slaughtering.....	10
Cleaning, Cutting, Cooking, Grinding, Canning, Packing.....	10 — 20
Milling—Grain Foods	
Cleaning, Grinding and Rolling.....	10
Baking or Roasting.....	10 — 20
Flour Grading.....	20 — 30
Offices	
Private and General—	
Close Work.....	20 — 30
No Close Work.....	10 — 20
Drafting Room.....	20 — 30
Packing	
Crating.....	10
Boxing.....	10
Paint Manufacturing	10
Paint Shops	
Dipping, Spraying, Firing.....	10
Rubbing, Ordinary Hand Painting and Finishing.....	10 — 20
Fine Hand Painting and Finishing.....	20 — 30
*Extra Fine Hand Painting and Finishing (Automobile Bodies, Piano Cases, etc.)	50 — 100
Paper Box Manufacturing	
Light.....	10
Dark.....	10 — 20
Storage of Stock.....	5
Paper Manufacturing	
Beaters, Machine Grinding, Calendering	10
Finishing, Cutting and Trimming.....	10 — 20
Plating	10
Polishing and Burnishing	10 — 20
Power Plants, Engine Rooms	
Boilers, Coal and Ash Handling, Storage Battery Rooms.....	5
Auxiliary Equipment, Oil Switches and Transformers, Switchboard, Engines, Generators, Blowers, Compressors.....	10
Printing Industries	
Matrixing, and Casting, Miscellaneous Machines, Presses.....	10 — 20
Proof Reading, Lithographing, Electro- typing.....	20 — 30
Linotype, Monotype, Typesetting, Im- posing Stone, Engraving.....	50 — 100
Receiving and Shipping	10
Rubber Manufacturing and Products	
Calenders, Compounding Mills, Fabric Preparation, Stock Cutting, Tubing Machines, Solid Tire Operations, Me- chanical Goods Building, Vulcanizing..	10 — 20
Bead Building, Pneumatic Tire Building, and Finishing, Inner Tube Operation, Mechanical Goods, Trimming, Tread- ing.....	10 — 20
Sheet Metal Works	
Miscellaneous Machines, Ordinary Bench Work.....	10 — 20
Punches, Presses, Shears, Stamps, Weld- ers, Spinning, Fine Bench Work.....	10 — 20
*Tin Plate Inspection.....	Special Glint Lighting
Shoe Manufacturing	
Hand Turning, Miscellaneous Bench and Machine Work.....	10 — 20

	Footcandles Recommended
Inspecting and Sorting Raw Material, Cutting, Lasting and Welting (light)..	10 — 20
Inspecting and Sorting Raw Material, Cutting, Stitching (dark).....	50 — 100
Soap Manufacturing	
Kettle Houses, Cutting, Soap Chip and Powder, Stamping, Wrapping, Packing, Filling and Packing Soap Powder.....	10
Steel and Iron Mills, Bar, Sheet and Wire Products	
Soaking Pits and Reheating Furnaces..	5
Charging and Casting Floors, Muck and Heavy Rolling, Shearing (rough by gauge,) Pickling and Cleaning.....	10
Plate Inspection, Chipping.....	20 — 30
Automatic Machines, Rod, Light and Cold Rolling, Wire Drawing, Shear- ing (fine by line).....	10 — 20
Steel Fabrication, Girder and Truss Assembly	10
Stone Crushing and Screening	
Belt Conveyor Tubes, Main Line Shafting, Spaces, Chute Rooms, Inside of Bins, Primary Breaker Room, Auxiliary Breakers under Bins.....	5
Screen Rooms.....	10
Store and Stock Rooms	
Rough Bulky Material.....	5
Medium or Fine Material Requiring Care	10
Sugar Grading	20 — 30
Testing	
Rough.....	10
Fine.....	10 — 20
Extra Fine Instruments, Scales, etc.	50 — 100
Textile Mills	
Cotton—	
Opening and Lapping, Carding, Drawing- Frame, Roving, Dyeing.....	10
Spooling, Spinning, Drawing-in, Warping, Weaving, Quilling, Inspecting, Knitting, Slashing (over beam end)	10 — 20
Silk—	
Winding, Throwing, Dyeing.....	10
Quilling, Warping, Weaving and Finish- ing	
Light Goods.....	10 — 20
Dark Goods.....	20 — 30
Woolen—	
Carding, Picking, Washing, Combing, Twisting and Dyeing.....	10
Drawing-in, Warping & Weaving	
Light Goods.....	10 — 20
Dark Goods.....	20 — 30
Knitting Machine.....	10 — 20
Tobacco Products	
Drying, Stripping, General.....	5
Grading and Sorting.....	20 — 30
Toilet and Washrooms	5
Upholstering	
Automobile, Coach & Furniture.....	10 — 20
Warehouse	5
Woodworking	
Rough Sawing and Bench Work.....	10
Sizing, Planing, Rough Sanding, Medium Machine and Bench Work, Gluing, Veneering, Cooperage.....	10 — 20
Fine Bench and Machine Work, Fine Sanding and Finishing.....	20 — 30

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PRESENT STANDARDS OF ILLUMINATION FOR COMMERCIAL AND PUBLIC INTERIORS

	Footcandles Recommended		Footcandles Recommended
Armories		Gymnasiums	
Drill Sheds.....	10	Main Exercising Floor.....	10 — 20
Exhibition Halls.....	10 — 20	Swimming pool.....	10
Art Galleries		Shower Room.....	10
General.....	5	Locker Room.....	10
On Paintings.....	50 — 100	Fencing, Boxing, Wrestling.....	10 — 20
Auditoriums	5	Halls, Passageways in Interiors	5
Automobile Show Rooms	10 — 20	Handball	20 — 30
Bank		Hospitals	
Lobby.....	10	Lobby and Reception Room.....	10
Cages and Offices.....	10 — 20	Corridors.....	5
Barber Shop	10 — 20	Wards (with Local Illumination).....	5
Baseball—Indoor Game	10 — 20	Private Rooms.....	10
Basket Ball	20 — 30	Night Illumination.....	0.1 — 0.2
Bowling		Operating Table.....	100 — 200
On Alley, Runway and Seats.....	10	Operating Room.....	10 — 20
On Pins.....	20 — 30	Laboratories.....	10 — 20
Billiards		Hotels	
General.....	10	Lobby.....	10
On Table.....	20 — 30	Dining Room.....	10
Cars		Kitchen.....	10 — 20
Baggage, Day Coach, Dining Car and Pullman.....	10	Bed Rooms.....	10
Mail—		Corridors.....	5
Bag Racks.....	10 — 20	Writing Room.....	10 — 20
Letter Cases.....	10 — 20	Library	
Storage.....	10	Reading Rooms.....	10 — 20
Street, Railway and Subway.....	10	Stack Room.....	10
Churches		Lodge Rooms	10
Auditorium.....	10	Lunch Room	10
Sunday School Room.....	10 — 20	Market	10 — 20
Pulpit or Rostrum.....	10 — 20	Moving Picture Theatres	
Art Glass Windows.....	30 — 50	During Intermission.....	5
Club Rooms		During Pictures.....	0.1 — 0.2
Lounge.....	5	Museum	
Reading Room.....	10 — 20	General.....	10
Court Rooms	10	Special Exhibits.....	25 — 100
Dance Halls	10	Office Buildings	
Dental Offices		Private and General Offices	
Waiting Room.....	10	Close Work.....	20 — 30
Operating Office.....	10 — 20	No Close Work.....	10 — 30
Dental Chair.....	30 — 50	File Room.....	10
Depot Waiting Room	10	Vault.....	10
Drafting Room	20 — 30	Reception Room.....	10
Elevator—Freight and Passenger	10	Post Office	
Fire Engine House		Lobby.....	10
When alarm is turned in.....	10	Work Room—	
At other times.....	5	Sorting, Mailing, Etc.....	10 — 20
Garage—Automobiles:		Storage.....	10
Storage—Dead.....	5	Private and General Offices.....	10 — 20
Storage—Live.....	10	File Room and Vault.....	10
Repair Dept. and Washing.....	10 — 20	Corridors and Stairways.....	5
		Railway	
		Depot—Waiting Room.....	10
		Ticket Offices.....	10 — 20
		Rest Room—Smoking Room.....	10
		Baggage Room	
		Checking Office.....	10 — 20
		Storage.....	10
		Concourse.....	10
		Train Platform.....	5

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	Footcandles Recommended
Restaurants	10
Racquet	20 — 30
Schools	
Auditorium.....	10
Class Rooms, Library and Office.....	10 — 20
Corridors and Stairways.....	5
Drawing.....	20 — 30
Laboratories.....	10 — 20
Manual Training.....	10 — 20
Sewing Room.....	20 — 30
Study Room	
Desks.....	10 — 20
Blackboards.....	10 — 20
Show-Cases (Two to four times that of the store proper)	
Show Windows	
Large Cities	
Brightly Lighted Districts.....	100 — 200
Secondary Business Locations.....	50 — 100
Neighborhood Stores.....	30 — 50
Medium Cities	
Brightly Lighted Districts.....	50 — 100
Neighborhood Stores.....	30 — 50
Small Cities and Towns.....	30 — 50
Lighting to Reduce Daylight Window Re- flections.....	200 — 1000
Skating Rink (Indoor)	10
Squash	20 — 30
Stores	
Large Specialty and Department Stores—	
Main Floors.....	10 — 20
Other Floors.....	10 — 15
Basement Store.....	10 — 20
Small Stores—	
Art.....	10 — 20
Automobile Supply.....	10 — 20
Bake Shop.....	10 — 20

	Footcandles Recommended
Book.....	10 — 20
China.....	10 — 20
Cigar.....	10 — 20
Clothing.....	10 — 20
Confectionery.....	10 — 20
Dairy Products.....	10 — 20
Decorator.....	10 — 20
Drug.....	10 — 20
Dry Goods.....	10 — 20
Electrical Supply.....	10 — 20
Florist.....	10 — 20
Furniture.....	10
Furrier.....	20 — 30
Grocery.....	10 — 20
Haberdashery.....	10 — 20
Hardware.....	10 — 20
Hat.....	10 — 20
Jewelry.....	10 — 20
Leather, Handbags, Trunks.....	10 — 20
Meat.....	10 — 20
Millinery.....	10 — 20
Music.....	10 — 20
Notions.....	10 — 20
Piano.....	10
Shoe.....	10 — 20
Sporting Goods.....	10 — 20
Tailor.....	10 — 20
Tobacco.....	10 — 20
Variety Store.....	10 — 20
Telephone Exchange	
Operating Rooms.....	10
Terminal Rooms.....	10 — 20
Cable Vaults.....	10
Tennis (Indoor)	30 — 50
Theatres	
Auditorium.....	5
Foyer.....	10
Lobby.....	10 — 20
Toilet and Washrooms	10

PRESENT STANDARDS OF ILLUMINATION FOR OUTDOOR LIGHTING

Automobile Parking Spaces	1
Baseball	
Diamond.....	30 — 50
Outfield.....	20 — 30
Baseball Diamond (Indoor Game)	10
Basket-Ball	10
Bathing Beaches	1
Bulletins and Poster Panels	
Bright Surroundings—	
Light Surface.....	20 — 30
Dark Surface.....	30 — 50
Dark Surroundings—	
Light Surface.....	20
Dark Surface.....	20 — 30
Boxing	
Seats.....	5
Ring.....	100 — 200
Building	
Construction Work.....	10
Excavation.....	2

Building Exteriors and Monuments—Floodlighted	
Bright Surroundings—	
Light Surface.....	10
Dark Surface.....	10 — 20
Dark Surroundings—	
Light Surface.....	5
Dark Surface.....	10
Church Windows (Art Glass)	30 — 50
Circus	
Seats.....	5
Arena.....	10
Clock Golf	10
Croquet	10
Dredging	2
Drill Fields	5
Flags—Floodlighted	30 — 50
Football	
Practice.....	10
Games.....	30 — 50

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	Footcandles Recommended
Gasoline Filling Stations	
At Pumps.....	10 — 20
Yard and Driveways	5
Horseshoe Pitching.....	10
Ice Hockey.....	10 — 20
Loading Docks.....	5
Lumber Yards.....	1
Motordromes	
Seats.....	5
Track.....	10 — 20
Monuments (See Building Exteriors)	
Piers	
Freight (See Loading Docks)	
Passenger.....	5
Playgrounds.....	5
Polo.....	10
Prison Yards.....	5
Protective—Industrial.....	1
Quarries.....	5

	Footcandles Recommended
Race Tracks (Horse)	
Home Stretch.....	10
Back Stretch.....	5
Railway Yards	
General.....	0.5
Approach to Hump.....	1
Turntables.....	2
Yard Thoroughfares.....	1
Scale House.....	5
Roque.....	10
Signs—Painted (See Bulletins)	
Ship Yard Construction.....	10
Skating.....	2
Skeet.....	10 — 20
Storage Yards.....	1
Swimming Pools.....	5
Target Shooting.....	10 — 20
Tennis Court.....	30 — 50
Toboggan Slides.....	2
Traffic Officers.....	10 — 20
Trap Shooting.....	10 — 20
Volley Ball.....	10 — 20

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TABLE II
ROOM FACTOR

Proportions of Room	Color of Ceiling and Upper Sidewalls	ROOM FACTOR			
		For Direct Lighting		For Semi-Indirect Lighting	
		Maintenance of Equipment		Maintenance of Equipment	
		Very Good	Fair	Very Good	Fair
Width Approximately Four or More Times Ceiling Height	Light	A	A	A	A
	Medium	A	A	A	B
	Dark	A	B	C	C
Width Approximately Twice Ceiling Height	Light	A	B	A	B
	Medium	A	B	B	C
	Dark	B	C	C	..
Width Approximately Equal to Ceiling Height	Light	B	C	A	C
	Medium	C	C	C	..
	Dark	C	C	C	..

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TABLE III-A

GLASSTEEL DIFFUSER									
Area Per Outlet (Sq. Ft.)	Approximate Spacing (Feet)	Minimum Mounting Height	Room Factor	Average Footcandles					
				150 Watt	200 Watt	300 Watt	500 Watt	750 Watt	1000 Watt
55- 65	7 $\frac{3}{4}$ x 7 $\frac{3}{4}$	7	A B C	13-16 10-13 8-10	18-23 14-18 11-14	29-37 22-29 17-22			
65- 75	8 $\frac{1}{2}$ x 8 $\frac{1}{2}$	8	A B C	11-14 8-11 7-8	15-19 11-15 9-11	24-30 18-24 14-18	43-54 32-40 25-32		
75- 85	9 x 9	8	A B C	10-12 8-10 6-8	13-17 10-13 8-10	21-27 16-21 13-16	38-49 29-38 23-29		
85- 95	9 $\frac{1}{2}$ x 9 $\frac{1}{2}$	9	A B C	8-10 6-8 5-6	12-15 9-12 7-9	19-24 14-19 11-14	34-43 25-35 20-25		
95-110	10 x 10	9	A B C	7-9 5-7 4-5	11-13 8-11 6-8	18-23 13-18 11-13	32-41 23-32 20-23		
110-125	11 x 11	10	A B C	6-8 5-6 4-5	9-11 7-9 5-6	15-19 11-15 9-11	27-34 20-27 16-20	40-50 30-40 24-30	
125-145	11 $\frac{1}{2}$ x 11 $\frac{1}{2}$	10	A B C	5-7 4-5 3-4	8-10 6-8 4.5-5.5	13-17 10-13 8-10	23-30 18-23 14-18	34-45 27-34 21-27	
145-170	12 $\frac{1}{2}$ x 12 $\frac{1}{2}$	11	A B C	4-6 3-4 2.5-3.5	6.5-8 5-6 4-5	12-15 9-12 7-9	21-26 16-21 13-16	31-39 24-31 19-24	44-55 34-44 27-34
170-200	13 $\frac{1}{2}$ x 13 $\frac{1}{2}$	11	A B C	3.5-5.0 3.0-3.8 2.5-3.0	6-7 4-5 3.5-4.0	10-12 7-10 6.5-7.5	18-23 13-18 10-13	27-34 19-27 15-19	38-48 27-38 21-27
200-230	14 $\frac{3}{4}$ x 14 $\frac{3}{4}$	12	A B C	3.5-4.0 2.8-3.5 2.0-2.5	5-6 3.5-4.0 3.0-3.5	8-10 6.5-8 5.5-6.5	15-19 11-15 9-11	22-28 16-22 13-16	31-40 23-31 18-23
230-260	15 $\frac{1}{2}$ x 15 $\frac{1}{2}$	13	A B C		4-5 3-4 2.5-3.0	7.5-9 6-7 4.5-5.5	13-17 10-13 8-10	19-25 15-19 12-15	27-35 21-27 17-21
260-300	16 $\frac{3}{4}$ x 16 $\frac{3}{4}$	13	A B C		3.5-4.0 3.0-3.5 2.0-2.5	7-8 5-6 4-4.5	12-15 9-12 7-9	18-22 13-18 10-13	25-31 18-25 14-18
300-340	18 x 18	14	A B C			5-7 4-5 3.5-4.0	10-12 8-10 6-8	15-18 12-15 9-12	21-25 17-21 13-17
340-390	19 x 19	15	A B C			4.5-6 3.5-4.0 3.0-3.5	9-11 7-9 5.5-6.5	13-16 10-13 8-10	18-23 14-18 11-14
390-440	20 $\frac{1}{2}$ x 20 $\frac{1}{2}$	16	A B C			4-5 3-4 2.5-3.0	8-10 6-8 5-6	12-15 9-12 7-9	17-21 13-17 10-13
440-500	21 $\frac{3}{4}$ x 21 $\frac{3}{4}$	17	A B C			3.5-4.0 2.5-3.5 2.0-2.5	6-8 5-6 4-5	9-12 7-9 6-7	13-17 10-13 9-10

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CCA

Area Out (Sq
55
65
75
85
95
110
125
145
170
200
230
260
300

TABLE III-C

MAGNALUX—LUNALUX—LUNAIRE (SEMI-INDIRECT LIGHTING)

Area per Outlet (Sq. Ft.)	Approximate Spacing (Feet)	Approximate Mounting Height	Distance from Ceiling to Top of Basin or Globe to be not less than (Feet)	Room Factor	Average Footcandles					
					150 Watt	200 Watt	300 Watt	500 Watt	750 Watt	1000 Watt
55- 65	7 $\frac{3}{4}$ x 7 $\frac{3}{4}$	7	$\frac{1}{2}$	A B C	9-12 6-9 4-6	13-18 8-13 5-8	22-30 14-22 10-14	40-54 25-40 18-25		
65- 75	8 $\frac{1}{2}$ x 8 $\frac{1}{2}$	8	$\frac{1}{2}$	A B C	8-11 5-8 3.5-5.0	11-15 7-11 5-7	19-25 12-19 8-12	34-45 22-34 14-22	50-67 33-50 21-33	
75- 85	9 x 9	8	$\frac{1}{2}$	A B C	7-9 4-7 3-4	8-12 6-8 4-6	16-22 10-16 7-10	29-40 18-29 13-18	43-59 27-43 19-27	
85- 95	9 $\frac{1}{2}$ x 9 $\frac{1}{2}$	9	$\frac{1}{2}$	A B C	6-8 4-6 2.5-4.0	8-11 5-8 4-5	14-19 9-14 6-9	25-34 16-25 11-16	37-50 24-37 16-24	52-71 34-52 23-34
95-110	10 x 10	9	1 $\frac{1}{2}$	A B C	5-7 3-5 2.5-3.0	7-10 5-7 3.5-5.0	12-17 8-12 5-8	23-31 15-23 10-15	34-46 22-34 15-22	48-65 31-48 21-31
110-125	11 x 11	10	2	A B C		6-9 4-6 3-4	11-15 7-11 5-7	20-27 13-20 9-13	30-40 19-30 13-19	43-57 27-43 18-27
125-145	11 $\frac{1}{2}$ x 11 $\frac{1}{2}$	10	2	A B C		5-7 3.5-5.0 2.5-3.5	9-13 6-9 4-6	17-23 11-17 8-11	25-34 16-25 12-16	35-48 23-35 17-23
145-170	12 $\frac{1}{2}$ x 12 $\frac{1}{2}$	11	2	A B C			8-11 5-8 3.5-5.0	15-20 9-15 6-9	22-30 13-22 9-13	31-43 18-31 13-18
170-200	13 $\frac{1}{2}$ x 13 $\frac{1}{2}$	11	2	A B C			7-9 4-7 3-4	12-17 8-12 5-8	18-25 12-18 8-12	25-35 17-25 11-17
200-230	14 $\frac{3}{4}$ x 14 $\frac{3}{4}$	12	2 $\frac{1}{2}$	A B C			6-8 4-6 2.5-4.0	10-14 7-10 5-7	15-21 10-15 7-10	21-30 14-21 10-14
230-260	15 $\frac{1}{2}$ x 15 $\frac{1}{2}$	13	3	A B C			5-7 3-5 2.5-3.0	9-12 6-9 4-6	13-18 9-13 6-9	18-25 13-18 9-13
260-300	16 $\frac{3}{4}$ x 16 $\frac{3}{4}$	13	3	A B C				8-11 6-8 3-4	12-16 9-12 5-6	17-23 13-17 7-9
300-340	18 x 18	14	3	A B C				7-9 5-7 3-5	10-13 7-10 5-7	14-18 10-14 7-10

TABLE III-D

SOLLUX—SOLLAIRE—SOLLITE (DIRECT LIGHTING)								
Area Per Outlet (Sq. Ft.)	Approximate Spacing (Feet)	Minimum Mounting Height	Room Factor	Average Footcandles				
				100 Watt	150 Watt	200 Watt	300 Watt	500 Watt
55- 65	7 $\frac{3}{4}$ x 7 $\frac{3}{4}$	7 $\frac{1}{2}$	A B C	7-9 5-6 3-4	10-14 7-10 4-6	15-22 11-15 7-9	24-35 18-24 11-14	
65- 75	8 $\frac{1}{2}$ x 8 $\frac{1}{2}$	8 $\frac{1}{2}$	A B C	6-7 4.5-5.0 2.5-3.0	9-13 6-9 4-6	13-19 9-13 6.5-8.0	21-30 14-21 10-13	37-54 26-37 18-23
75- 85	9 x 9	8 $\frac{1}{2}$	A B C	5-6 4.0-4.5 2.5-3.0	8-11 5-8 3.5-5.0	11-17 8-11 6-7	18-27 13-18 10-11	31-48 23-31 17-20
85- 95	9 $\frac{1}{2}$ x 9 $\frac{1}{2}$	9	A B C		7-10 5-7 3-4	10-14 7-9 5-6	17-24 11-17 7-11	31-43 20-31 13-20
95-110	10 x 10	9	A B C		6-9 4-6 2.5-4.0	9-12 6-8 4.5-5.0	15-21 9-15 6-9	27-38 16-27 11-16
110-125	11 x 11	10	A B C		5-7 4.5-5.0 2.5-3.0	8-11 5.5-7.0 4.0-4.5	13-19 8-13 6-8	23-34 14-23 11-14
125-145	11 $\frac{1}{2}$ x 11 $\frac{1}{2}$	10	A B C		5-6 3.5-4.5 2-3	7-9 5-6 3.5-4.0	11-16 7-11 5-7	20-29 13-20 9-13
145-170	12 $\frac{1}{2}$ x 12 $\frac{1}{2}$	11	A B C			6-8 4.5-5.0 3.0-3.5	9-14 6-9 4-6	17-25 11-17 7-11
170-200	13 $\frac{1}{2}$ x 13 $\frac{1}{2}$	11	A B C			5-6 4.0-4.5 2.5-3.0	8-11 5-8 3.5-5.0	14-21 9-14 6-9
200-230	14 $\frac{3}{4}$ x 14 $\frac{3}{4}$	12	A B C				7-10 4-7 3-4	12-18 8-12 5-8
230-260	15 $\frac{1}{2}$ x 15 $\frac{1}{2}$	13	A B C				6-9 3.5-6.0 2.0-3.5	10-14 7-10 5-7
260-300	16 $\frac{3}{4}$ x 16 $\frac{3}{4}$	13 $\frac{1}{2}$	A B C				5-7 3-5 2.5-3.0	9-13 6-9 4-6
300-340	18 x 18	14 $\frac{1}{2}$	A B C					8-10 5-8 3.5-5.0

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TABLE III-E

LOW, MEDIUM AND HIGH MOUNTING REFLECTORS											
Approximate Distance from Underside of Reflector to Floor. (Feet)			Approx. Spacing (Feet)	Area per Outlet (Sq. Ft.)	Conditions Factor	Average Footcandles					
						200 Watt	300 Watt	500 Watt	750 Watt	1000 Watt	1500 Watt
*Low	*Med.	*High									
15	21	36	19 x 19	340-390	Favorable Average Unfavorable	4-5 3.5-4.0 2.5-3.5	7-8 5-7 4-5	11-14 9-11 7-9	17-21 14-17 10-14	25-30 20-25 15-20	39-47 31-39 23-31
↓	↓	↓	20 x 20	390-440	Favorable Average Unfavorable	3.5-4.5 3.0-3.5 2-3	6-7 4.5-6.0 3.5-4.5	10-12 8-10 6-8	15-18 12-15 9-12	22-26 17.5-22.0 13.0-17.5	34-41 27-34 20-27
↓	↓	↓	21¾x 21¾	440-490	Favorable Average Unfavorable	3-4 2.5-3.0 2.0-2.5	5-6 4-5 3-4	9-11 7.5-9.0 5.5-7.5	13-16 11-13 8-11	19.5-23.0 15.5-19.5 11.5-15.5	30-37 24-30 18-24
↑	↑	↑	22½x 22½	490-540	Favorable Average Unfavorable		4.5-5.5 4.0-4.5 2.5-4.0	8.5-10.0 6.5-8.5 5.0-6.5	12.5-15.0 10.0-12.5 7.5-10.0	17.5-21.0 14.0-17.5 10.5-14.0	27-33 22-27 16-22
↓	↓	↓	24 x 24	540-590	Favorable Average Unfavorable		4-5 3.5-4.0 2.5-3.5	7.5-9.0 6.0-7.5 4.5-6.0	11.0-13.5 9-11 6.5-9.0	16.19 13-16 9.5-13.0	25-30 20-25 15.20
15	25	50	25 x 25	590-640	Favorable Average Unfavorable		4.0-4.5 3-4 2.5-3.0	7.0-8.5 6-7 4-6	10.5-12.5 8.5-10.5 6.0-8.5	14.5-18.0 12.0-14.5 9-12	23-28 18-23 13-18
↓	↓	↓	26 x 26	640-690	Favorable Average Unfavorable		3.5-4.0 3.0-3.5 2-3	6.5-8.0 5.0-6.5 4-5	9.5-11.5 8.0-9.5 6-8	13.5-16.0 11.0-13.5 8-11	21-26 17-21 12-17
↓	↓	↓	27 x 27	690-740	Favorable Average Unfavorable		3.5-4.0 2.5-3.5 2.0-2.5	6-7 5-6 4-5	9-11 7-9 5.5-7.0	12.5-15.0 10.0-12.5 7.5-10.0	20-24 15-20 11-15
↓	↓	↓	28 x 28	740-790	Favorable Average Unfavorable			5.5-7.0 4.5-5.5 3.5-4.5	8.5-10.0 6.5-8.5 5.0-6.5	12-14 9.5-12.0 7.0-9.5	18-22 14-18 11-14
↓	↓	↓	28½x 28½	790-840	Favorable Average Unfavorable			5.5-6.5 4.0-5.5 3.5-4.0	8.0-9.5 6-8 5-6	11.0-13.5 9-11 6.5-9.0	17-21 14-17 10-14
↓	↓	↓	29½x 29½	840-890	Favorable Average Unfavorable			5-6 4-5 3-4	7.5-9.0 6.0-7.5 4.5-6.0	10.5-12.5 8.5-10.5 6.0-8.5	16.5-20.0 13.0-16.5 10-13
17½	30	60	30 x 30	890-940	Favorable Average Unfavorable			4.5-5.5 4.0-4.5 3-4	7-8 5.5-7.0 4.0-5.5	10-12 8-10 6-8	15.5-19.0 12.5-15.5 9.5-12.5
↓	↓	↓	31 x 31	940-990	Favorable Average Unfavorable			4.5-5.0 3.5-4.5 3.0-3.5	6.5-8.0 5.0-6.5 4-5	9.5-11.5 7.5-9.5 5.5-7.5	14.5-18.0 12.0-14.5 9-12
↓	↓	↓	32 x 32	990-1040	Favorable Average Unfavorable			4-5 3.5-4.0 2.5-3.5	6.0-7.5 5-6 4-5	8-11 7-9 5-7	14-17 11-14 8.5-11.0
↓	↓	↓	32½x 32½	1040-1090	Favorable Average Unfavorable			4-5 3-4 2.5-3.0	6-7 5-6 3.5-5.0	8.5-10.0 7.0-8.5 5-7	13-16 10.5-13.0 8.0-10.5
↓	↓	↓	33 x 33	1090-1140	Favorable Average Unfavorable			4-5 3-4 2-3	5.5-7.0 4.5-5.5 3.5-4.5	8-10 6.5-8.0 5.0-6.5	13.0-15.5 10-13 7.5-10.0
↓	↓	↓	34 x 34	1140-1190	Favorable Average Unfavorable			4.0-4.5 3-4 2-3	5.5-6.5 4.5-5.5 3.0-4.5	8.0-9.5 6-8 4.5-6.0	12.0-14.5 10-12 7.5-10.0
20	35	70 and over	35 x 35	1190-1240	Favorable Average Unfavorable			3.5-4.0 3.0-3.5 2-3	5-6 4-5 3-4	7.5-9.0 6.0-7.5 4.5-6.0	11.5-14.0 9.5-11.5 7.0-9.5

*Where mounting height is between 15 and 20 ft. use Low Mounting Reflectors.
 Where mounting height is between 21 and 35 ft. use Medium Mounting Reflectors.
 Where mounting height is above 36 ft. use High Mounting Reflectors.

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TABLE IV
RECOMMENDED CAPACITY PER OUTLET

Actual Floor Area per Outlet Square Feet	CLASS A INSTALLATIONS (Such as Offices, Drafting Rooms, Factories, etc.) Wattage Capacity per Outlet	CLASS B INSTALLATIONS (Such as Stores, School Rooms) Wattage Capacity per Outlet	CLASS C INSTALLATIONS (Such as Neighbor- hood Stores, Storage Areas in Factories* and Basements) Wattage Capacity per Outlet	CLASS D INSTALLATIONS (Such as Storage Areas in Garages and Unimportant Basements) Wattage Capacity per Outlet
65-75	300	200	150	100
75-85	300	250	150	100
85-95	350	250	200	100
95-110	400	300	200	100
110-125	450	350	250	150
125-140	500	400	250	150
140-160	600	450	300	150
160-190	700	500	350	200
190-220	800	600	400	200
220-260	950	700	450	250
260-300	1100	800	550	300
300-340	1250	950	650	300
340-390	1450	1100	750	350
390-440	1650	1250	850	400
440-500	....	1400	950	450
500-560	....	1600	1050	500
560-630	....	1800	1200	550
630-710	....	....	1350	650
710-800	....	....	1500	750
800-900	....	....	1700	850

*In factories it is often desirable to convert storage areas into work places to meet immediate production needs. For this reason, it is recommended that storage areas be wired according to Class B specifications.

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TABLE V

BRANCH CIRCUIT AND FEEDER WIRE SIZES FOR LOADING OF 5 A.—120 A.
FOR VARIOUS LENGTHS OF RUN

Wattage Load 115 volt Circuit	Based on { Two Per Cent Loss in Voltage on 110-volt, 2-wire circuits. One Per Cent Loss in Voltage on 220-volt, 2-wire circuits. One Per Cent Loss in Voltage on 110/220-volt, 3-wire circuits.																		
	On short runs, where voltage drop does not affect wire size, the table shows minimum permissible commercial size Brown & Sharpe gauge rubber covered copper wire according to the National Electrical Code.																		
	Amp. load	Length of run in feet																	
		30	40	50	60	70	80	90	100	120	140	160	180	200	240	280	320	360	400
575	5	14	14	14	14	14	14	12	12	12	10	10	10	10	8	8	8	6	6
690	6	14	14	14	14	14	12	12	12	10	10	10	8	8	8	8	6	6	6
805	7	14	14	14	14	12	12	12	10	10	10	8	8	8	6	6	6	6	4
920	8	14	14	14	12	12	12	10	10	10	8	8	8	8	6	6	6	4	4
1,035	9	14	14	12	12	12	10	10	10	8	8	8	8	6	6	6	4	4	4
1,150	10	14	14	12	12	10	10	10	10	8	8	8	6	6	6	4	4	4	4
1,380	12	14	12	12	10	10	10	8	8	8	8	6	6	6	4	4	4	4	2
1,610	14	14	12	10	10	10	8	8	8	6	6	6	6	4	4	4	2	2	2
1,840	16	12	12	10	10	8	8	8	8	6	6	6	4	4	4	2	2	2	2
2,070	18	12	10	10	8	8	8	8	6	6	6	4	4	4	4	2	2	2	1
2,300	20	12	10	10	8	8	8	6	6	6	4	4	4	4	2	2	2	1	1
2,880	25	10	10	8	8	6	6	6	6	4	4	4	2	2	2	1	1	0	0
3,450	30	8	8	8	6	6	6	6	4	4	4	2	2	2	1	1	0	0	00
4,025	35	8	8	6	6	6	4	4	4	4	2	2	2	1	1	0	00	00	000
4,600	40	6	6	6	6	4	4	4	4	2	2	2	1	1	0	00	00	000	000
5,175	45	6	6	6	6	4	4	4	2	2	2	1	1	0	00	00	000	000	4/0
5,750	50	6	6	6	4	4	4	2	2	2	1	1	0	0	00	000	000	4/0	4/0
6,900	60	4	4	4	4	4	2	2	2	1	1	0	0	00	000	000	4/0	4/0	...
8,050	70	4	4	4	4	2	2	2	1	1	0	00	00	000	000	4/0	4/0	...	...
9,200	80	2	2	2	2	2	2	1	1	0	00	00	000	000	4/0	4/0	...	...	...
10,350	90	2	2	2	2	2	1	1	0	00	00	000	000	4/0	4/0	...	...	...	...
11,500	100	1	1	1	1	1	1	0	0	00	000	000	4/0	4/0	...	...	...	...	...
13,800	120	0	0	0	0	0	0	0	00	00	000	4/0	4/0	...	...	...	...	...	...

NOTE: For good voltage regulation design feeders for a maximum of one per cent voltage drop, branch circuits for a maximum of two per cent voltage drop.

Where wire larger than No. 10 is required to eliminate excessive voltage drop on branch circuits, split the circuits, or move the panel board closer to the load center.

Length of Run is the one-way distance from source of supply to panel or from panel to outlet. The length of wire required between these points is double this distance for 2-wire circuits and three times this distance for 3-wire circuits.

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COMMERCIAL ILLUMINATION

SECTION

SPACING OF REFLECTORS AND SIZES OF LAMPS FOR SHOW WINDOW ILLUMINATION

TABLE VI

SPACING OF REFLECTORS AND SIZES OF LAMPS FOR SHOW WINDOW ILLUMINATION

POPULATION OF CITY OR TOWN	LOCATION OF STORE	SPACING OF REFLECTORS (INCHES)	SIZE OF MAZDA LAMPS (WATTS)
5000 or less	Main Streets	15	150
	Side Streets	18	150
5000 to 50,000	Main Streets	12	150 - 200
	Side Streets	15	150
Above 50,000	Super White Way	15	500
	Metro. Dist.	12	200
	Main Streets	12	150 - 200
	Side Streets	15	150

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Westinghouse

COMMERCIAL LIGHTING EQUIPMENT

Catalog 61-200

JULY, 1934

*This Catalog supersedes Westinghouse General Catalog 1931-1932,
Catalog 219-B, July 1932 and Catalog Section 61-220 August, 1933*



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61-200	General Ordering Information
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61-260	Sollux, Lunalux and Louverlux Luminaires
61-270	Sollaire, Lunaire and Sollite Luminaires
61-280	Magnalaire and Magnalite Luminaires, and Three-Light Socket

GENERAL ORDERING INSTRUCTIONS

To avoid delays and misunderstandings, note carefully the following general instructions in addition to specific ordering information given on the apparatus pages.

1. Send all *correspondence* and *orders* to the nearest sales office of the Company or the nearest agent-jobber.
2. When ordering *give style number* and complete description. If modification of standard apparatus is desired, order "Similar to Style No. except (state modification)."
3. In *ordering duplicate* of apparatus not listed, order by style number or S. O. number (one of these numbers is cast or marked on the apparatus). Also give the *serial number* and full description.
4. In *ordering parts*, give style number, complete description, and serial number of the apparatus for which the part is required.
5. State whether *shipment* is to be made by freight, express or parcel post. In the absence of instructions, goods will be shipped at our discretion. Parcel post shipments will be insured only on request. All shipments are at purchaser's risk.
6. Present all *claims for breakage* to the carrier, as we are not responsible for damage to apparatus after delivery to the carrier. If we are notified of such claims, however, we shall gladly lend assistance to secure adjustment.
7. Make *claims for shortage* within five days after receipt of shipment; otherwise they will not be considered.
8. Do not *return apparatus* to us for credit or exchange without first obtaining written approval with shipping instructions from the sales office through which the order was placed. Notification of such shipment, with copy of shipping receipt, must be sent to the sales office. Shipment must bear the name and address of the sender, otherwise, we cannot accept responsibility for credit.
9. In *communicating with us regarding an order*, always mention the number and date of your purchase order, also give our G. O. number when available.
10. *Terms* are such as the Company may extend to the purchaser, not to exceed net in thirty days from date of invoice.
11. Small orders should be combined so as to amount to a value of at least \$1.00 net. Where the total of the sale is less than this, the material will be invoiced at \$1.00.
12. The Company will not be responsible or liable for any loss, damage, detention or delay caused by fire, strike, civil or military authority, or by insurrection or riot, or by any other cause which is unavoidable or beyond its reasonable control; nor in any event for consequential damages.

We are users of L-CODE, the Electrical Industry Telegraph Code.

Westinghouse Light Meter makes it possible to lighting intensities in any location for which proper illumination is desired.

ter registers the intensities of light in footcandles, scientific research and practical investigation have in a definite table of specifications for intensities that eye-fatigue, increase speed and efficiency, and reduce costs.

are typical specifications from these tables:

BUILDINGS	Private and General Offices—10 to 20 footcandles. (No close work) Private and General Offices—20 to 30 footcandles. (Close work)
OFFICE LIGHTING	Main Floors—10 to 20 footcandles. Other Floors—10 to 15 footcandles. Basement Stores—10 to 20 footcandles.
SCHOOLS	Classrooms—10 to 20 footcandles. Sewing Rooms—20 to 30 footcandles. Laboratories—10 to 20 footcandles.
HOSPITALS	Laboratories—10 to 20 footcandles. Operating Table—100 to 200 footcandles.
BANKS	Cages and Offices—10 to 20 footcandles.

Magnalux luminaires embody all the properties essential to meet these demands successfully . . . without glare. Six outstanding Magnalux features are:

1. SMART APPEARANCE—Harmonize with any style of decoration . . . lighted or unlighted.
2. EFFECTIVE LIGHTING DISTRIBUTION FOR EYE CONSERVATION—Soft distribution of light . . . eliminating dark spots and glare that handicap vision.
3. HIGH EFFICIENCY—Magnalux has the highest efficiency of all semi-indirect lighting units.
4. LOW MAINTENANCE COST—Cleaning and relamping Magnalux units requires only one chain disconnection.
5. CORRECT DESIGN—Design combines high mechanical strength, artistic beauty, features that simplify installation.
6. QUALITY MANUFACTURE—Fashioned by skilled workmen from finest materials.



WESTINGHOUSE LIGHT METER

Magnalux combines efficiency with beauty in the private office.

Magnalux meets the exacting requirements of the eye specialists laboratories.

Students and audiences are alert in the cheery, comfortable atmosphere of Magnalux illumination.

Customer and employee satisfaction is always found in the Magnalux illuminated store.



SEMI-RIGID POLISHED
CHROMIUM HANGER

RING RELIEF BASIN



CAMEO RELIEF BASIN

DECORATED CAMEO RELIEF
BASINDECORATED CAMEO RELIEF BASIN
WITH TASSEL

CAMEO RELIEF BOWL

DECORATED CAMEO RELIEF
BOWLDECORATED CAMEO RELIEF
BOWL WITH TASSEL

STANDARD MAGNALUX LUMINAIRES

WITH BASINS AND BOWLS

For Semi-Indirect Illumination

For Lamp Size Watts	Approx. Overall Length	BASIN APPROX.		Complete Unit Style No. Wired
		Diameter Inches	Depth Inches	

SEMI-RIGID HANGER WITH RING RELIEF BASIN

150	26	15½	5	788600
200	26	15½	5	787591
300-500	33½	18	6	788601
300-500	33½	19½	6½	788602
750-1000	54	22	7½	788603
750-1000	54	24	8	785801

SEMI-RIGID HANGER WITH CAMEO RELIEF BASIN

150	26	15½	5	788604
200	26	15½	5	787595
300-500	33½	18	6	788605
300-500	33½	19½	6½	788606

SEMI-RIGID HANGER WITH DECORATED CAMEO RELIEF BASIN

150	26	15½	5	788607
200	26	15½	5	785184
300-500	33½	18	6	788608
300-500	33½	19½	6½	788609

SEMI-RIGID HANGER WITH DECORATED CAMEO RELIEF BASIN AND TASSEL

150	29	15½	5	788610
200	29	15½	5	785185
300-500	36½	18	6	788611
300-500	36½	19½	6½	788612

SEMI-RIGID HANGER WITH CAMEO RELIEF BOWL

150	27¾	17	6¾	787598
200	27¾	17	6¾	785190
300-500	33¾	17	6¾	788613

SEMI-RIGID HANGER WITH DECORATED CAMEO RELIEF BOWL

150	27¾	17	6¾	786811
200	27¾	17	6¾	785192
300-500	33¾	17	6¾	788614

SEMI-RIGID HANGER WITH DECORATED CAMEO RELIEF BOWL AND TASSEL

150	30¾	17	6¾	785200
200	30¾	17	6¾	785201
300-500	36¾	17	6¾	788615

STANDARD MAGNALUX LUMINAIRES

WITH BASINS AND BOWLS

For Semi-Indirect Illumination



CEILING TYPE POLISHED
CHROMIUM HANGER

For Lamp Size Watts	Approx. Overall Length	BASIN APPROX.		Complete Unit Style No. Wired
		Diameter Inches	Depth Inches	



RING RELIEF BASIN

CEILING HANGER WITH RING RELIEF BASIN

150	12½	15½	5	788616
200	12½	15½	5	785146
300-500	14½	18	6	788617
300-500	14½	19½	6½	788618



CAMEO RELIEF BASIN

CEILING HANGER WITH CAMEO RELIEF BASIN

150	12½	15½	5	788619
200	12½	15½	5	785141
300-500	14½	18	6	788620
300-500	14½	19½	6½	788621



DECORATED CAMEO RELIEF
BASIN

CEILING HANGER WITH DECORATED CAMEO RELIEF BASIN

150	12½	15½	5	788622
200	12½	15½	5	785156
300-500	14½	18	6	788623
300-500	14½	19½	6½	788624



DECORATED CAMEO RELIEF
BASIN WITH TASSEL

CEILING HANGER WITH DECORATED CAMEO RELIEF BASIN AND TASSEL

150	15½	15½	5	788625
200	15½	15½	5	788626
300-500	17½	18	6	788627
300-500	17½	19½	6½	788628



CAMEO RELIEF BOWL

CEILING HANGER WITH CAMEO RELIEF BOWL

150	14¼	17	6¾	788629
200	14¼	17	6¾	788630
300-500	15¼	17	6¾	788631



DECORATED CAMEO RELIEF
BOWL

CEILING HANGER WITH DECORATED CAMEO RELIEF BOWL

150	14¼	17	6¾	788632
200	14¼	17	6¾	788633
300-500	15¼	17	6¾	788634



DECORATED CAMEO RELIEF
BOWL WITH TASSEL

CEILING HANGER WITH DECORATED CAMEO RELIEF BOWL AND TASSEL

150	17¼	17	6¾	788635
200	17¼	17	6¾	788636
300-500	18¼	17	6¾	788637

STANDARD MAGNALUX HANGERS

POLISHED CHROMIUM FINISH

SEMI-RIGID POLISHED
CHROMIUM HANGERSCEILING TYPE POLISHED
CHROMIUM HANGER

Per Lamp Size Watts	Length Inches	HANGERS ONLY		STANDARD PRG. Quantity	Wt. Lbs.
		Style No.	Ward		
STANDARD MAGNALUX SEMI-RIGID HANGERS					
150	30 1/4	780816		6	15
300	30 1/4	780182		6	15
400-500	34 1/4	780230		3	10
750-1000	37 1/4	780810		1	6
STANDARD MAGNALUX CEILING HANGERS					
150	6 1/4	787007		24	35
300	6 1/4	785180		24	35
200-500	7 1/4	780263		24	40

MAGNALUX LUMINAIRE BASINS AND BOWLS

Per Lamp Wattage	Diameter Inches	BASINS AND BOWLS ONLY		STANDARD PRG.	
		Diameter Inches	Style No.	Quantity	Wt. Lbs.
RING RELIEF BASINS					
150-300	11 1/4	3	787003	2	19
300-500	14	8	780245	1	15
500-1000	17 1/4	6 1/4	787540	1	16
150-300	11 1/4	1 1/2	780246	1	30
300-500	14	8	785813	1	31
CAMEO RELIEF BASINS					
150-300	11 1/4	3	787545	2	19
300-500	14	8	780517	1	15
500-1000	17 1/4	6 1/4	787530	1	16
DECORATED CAMEO RELIEF BASINS					
150-300	11 1/4	3	780830	2	19
300-500	14	8	780518	1	15
500-1000	17 1/4	6 1/4	780830	1	16
DECORATED CAMEO RELIEF BASINS AND TASSELS					
150-300	11 1/4	3	785448	2	19
300-500	14	8	780500	1	15
500-1000	17 1/4	6 1/4	785449	1	16
CAMEO RELIEF BOWLS					
150-300	11	6 1/4	787544	1	14
DECORATED CAMEO RELIEF BOWLS					
150-300	11	6 1/4	780832	1	14
DECORATED CAMEO RELIEF BOWLS AND TASSELS					
150-300	11	6 1/4	780833	1	14

STANDARD MAGNALUX

BEAD CHAINS

Bead chains for supporting the basins are packed in the same carton with hangers. The tensile strength of the 150- and 200-watt chains is 25 pounds, the 300- and 500-watt chains 45 pounds and the 750-1000-watt chains 120 pounds. The basins weigh approximately 5, 10 and 30 pounds respectively. The style numbers given below are for replacement purposes and cover one chain, three required per basin.

Watts	Style No.	Basin Diameter	Length
150-200	787327	15½	5¼
300-500	787485	18	7¼
300-500	787485	19½	7¼
750-1000	785817	22	8¼
750-1000	785817	24	8¼

TASSELS

Tassels may be used with decorated basins as indicated in the listing and are finished in gilt to match the brown decoration. Other finishes may be obtained on special order at an increased cost. Drilled basins are required when tassels are used, and tassels are packed in the same carton with drilled basins.

HANGERS

All Magnalux hangers are wired unless otherwise noted. Unwired hangers will be furnished when specified on the order. Medium Magnalux hangers for 150- and 200-watt lamps are furnished with the same husks but with different socket positions and these hangers cannot be interchanged, although as a temporary expedient medium socket extensions can be used in the 200-watt hangers with 150-watt lamps.

MOUNTING HEIGHT

Magnalux luminaires are designed for rooms of average dimensions and ceiling height. Two basins are listed for 300-500 watt lamps and two for 750-1000. When the rooms are unusually large or have low ceilings the larger basin is recommended.

In direct illumination the mounting height of the luminaire is determined in respect to its relation to the floor level and permits a wide variation in stem or chain lengths. With semi-indirect illumination the mounting height of the luminaire is determined in respect to its relation to the ceiling. For maximum effectiveness the standard hangers should be used, the distance between the ceiling and the top edge of the basin being 21 inches for the 150- and 200-watt hangers, 27 inches for the 300- and 500-watt hangers and 46½ inches for the 750-1000-watt hanger.

SPECIAL STEM LENGTHS

Occasionally hangers longer or shorter than standard may be required. These hangers are so constructed that stems may be readily shortened on the job. Longer stems are supplied at an increase in price.

SPECIAL FINISHES

The finish on Standard Magnalux Hangers is polished chromium plate. These hangers can also be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

DECORATIVE COMBINATIONS

Attractive combinations of Magnalux hangers and glassware can also be arranged in unlimited number. In these combinations, the basins are suspended by three beaded chains of special length and strength. The bottom basin is the standard type and those which are superimposed are designed with a hole in the center to accommodate the lamp or lamps. Special decorative hangers, of the semi-rigid type, have three ornamental breaks in the stem and an ornamental ringed husk. A special ceiling type hanger is furnished with three sockets to accommodate tubular lamps. Prices on combination decorative Magnalux luminaires will be furnished on request.



MAGNALUX RING RELIEF BASIN WITH STANDARD SEMI-RIGID HANGER IN POLISHED CHROMIUM FINISH
STYLE NO. 787591

MAGNALUX

RESIDENTIAL LUMINAIRES



Magnalux Lighting for Recreation Provides Eye Conservation and Comfort

Adequate illumination for eye conservation is of extreme importance in the home.

Here, the family spends most of its hours when artificial illumination is necessary. Eye comfort is essential in these hours of recreation and relaxation.

Lighting in homes today is generally deplorable. Properly illuminated homes are rare. Most homes have an abundance of floor and table lamps. Few have general illumination that supplies adequate lighting intensities without glare.

An important scientific discovery is the revelation that eye strain, muscular and nervous tension are caused through concentrating the eye on an illuminated spot and then shifting it to dark or poorly lighted locations. Muscles in the eye must constantly adjust this focus and are taxed with resultant fatigue.

Homes lighted in accordance with the new scientific standards are equipped with semi-indirect

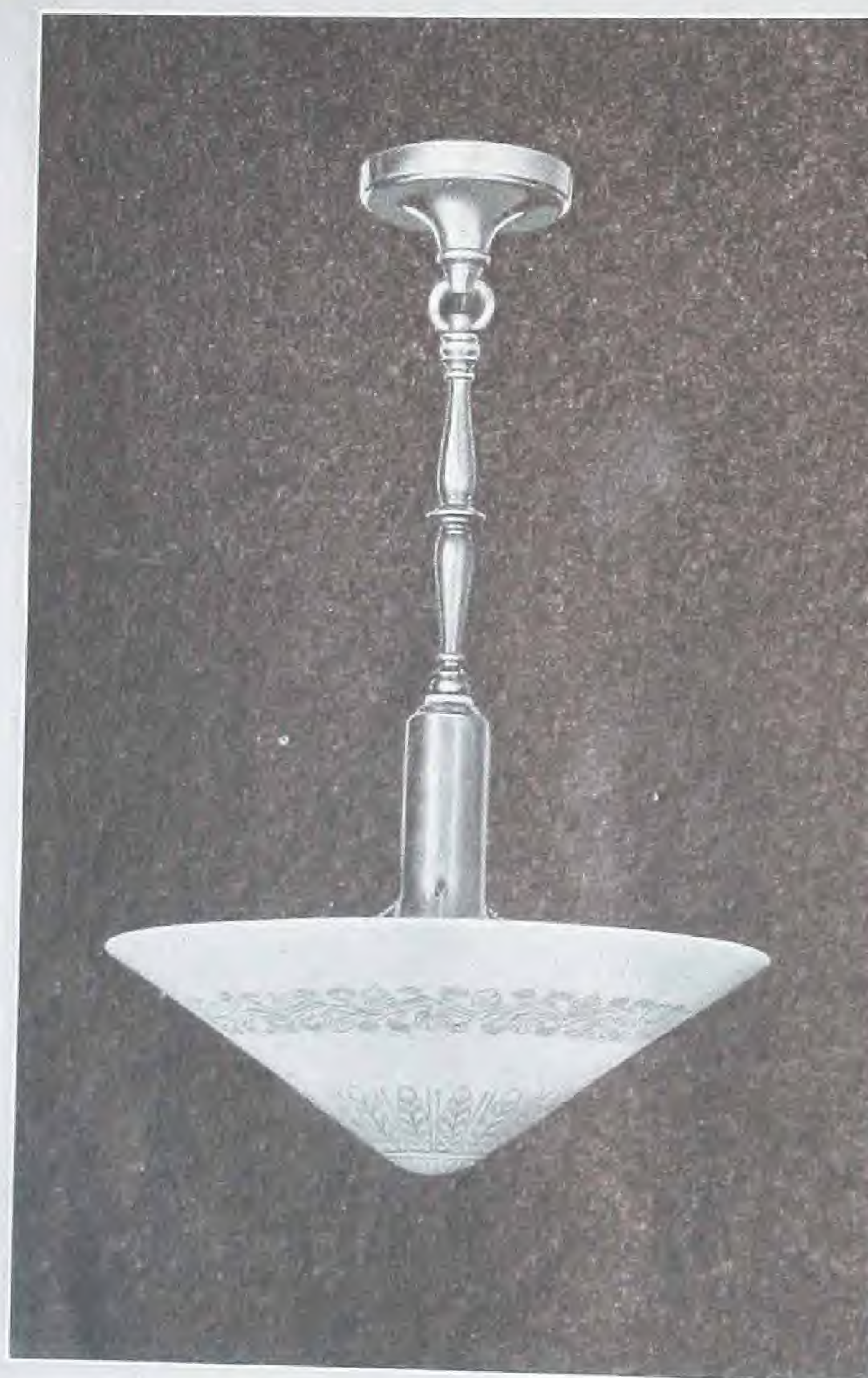
general illumination such as provided by the Westinghouse Residential Magnalux luminaires.

Westinghouse Magnalux is not intended to supplant table and floor lamps. It is designed for supplementary recreation illumination that seems to emanate from the entire ceiling surface . . . creating a restful, beautiful and harmonious effect throughout the room.

Magnalux combines efficiency with beauty. Efficiency is well above 90 per cent . . . without glare. Beauty is derived from simplicity in design. Eye conservation and comfort are the results of Magnalux low surface brightness with adequate illumination. With Magnalux, the entire ceiling radiates a flood of completely diffused illumination.

Only with illumination of the Magnalux type can comfortable, safe surroundings be achieved in the home.

MAGNALUX LUMINAIRES



STYLE NO. 785579

Residential Magnalux luminaires are constructed of sturdy, heavy gauge metals, and exclusive Galax glass.

The Residential hangers are available in two distinctive types . . . the semi-rigid hanger and the ceiling hanger. The hanger canopy and husk are of No. 20 B & S gauge (metal). A knockout in the canopy permits the use of a standard canopy switch, if desired.

In the semi-rigid type hanger, the heavy cast stem is fitted with a brass screw collar.

Hangers are listed "wired," but can also be furnished "unwired," if desired. All metal parts are finished in attractive antique brass.

The Magnalux hanger husk is designed to permit maximum upward light between lamp and ceiling. Basins are supported on bead chains . . . each chain having a tensile strength approximately five times greater than



STYLE NO. 785543

the actual weight of the basin. Chains are shipped in a cloth bag attached to each husk, and are of the proper length for the wattage required in the installation.

The outstanding efficiency of Magnalux basins is secured from the patented Galax glass from which they are constructed. Galax glass has an extremely high reflection factor, and in the Magnalux design the thickness of the glass is tapered from the apex to the basin edge to provide uniform surface brightness. The basin edge is polished and rounded for maximum durability.

Basins are supplied in ring relief, cameo relief, decorated cameo relief, luminous and moire designs and colors. Decorated basins are of the cameo relief type with the brown color of the leaf design burnt into the glass. Tassels and crowns are available where especially decorative effects are desirable.

Semi-rigid Magnalux luminaires are designed for use in libraries, living rooms, dining rooms and breakfast rooms. Ceiling type hangers are designed especially for bedrooms, where ceilings are comparatively low.

Magnalux luminaires are patented and sold exclusively by Westinghouse.

MAGNALUX RESIDENTIAL LIGHTING

Protects Children . . .

Lack of proper illumination in the home is one of the most common causes of near-sightedness. Magnalux luminaires of proper intensity protect the child who reads, writes and plays on the floor, on the bed . . . most any place but in a chair which is illuminated by a lamp.

For Entertaining . . .

Magnalux luminaires create an atmosphere of comfort, cheer and beauty so essential to the friendly spirit of a party. Entertaining occasions require the uniform and widely diffused light which only a ceiling fixture can give. Nothing spoils entertainment more than eye fatigue. Magnalux gives just the light desired. Bridge can be played for hours without eye strain.

General Illumination . . .

Magnalux emphasizes the individuality and charm of furniture and decorations.

In the dining room, Magnalux makes food appear more attractive and stimulates good cheer. In the bedroom, Magnalux supplements the dressing table and bed lamp . . . floods the room with adequate light that shows every detail.

SIX OUTSTANDING MAGNALUX FEATURES

1. SMART APPEARANCE—Harmonizes with any style of decoration . . . lighted or unlighted.
2. EFFECTIVE LIGHTING DISTRIBUTION FOR EYE CONSERVATION—Soft distribution of light . . . eliminating dark spots and glare that handicap vision.
3. HIGH EFFICIENCY—Magnalux has the highest efficiency of all semi-indirect lighting units.
4. EASILY ACCESSIBLE—Cleaning and relamping requires only one chain disconnection.
5. CORRECT DESIGN—Design combines artistic beauty with efficiency, strength and features that simplify installation.
6. QUALITY MANUFACTURE—Fashioned by skilled workmen from finest materials.



WESTINGHOUSE LIGHT METER



(Top right) BridgeLamps were not invented for playing bridge. Magnalux is a better way to light the living room for entertaining.

(Near right) In the bedroom, light is needed everywhere. Magnalux Lighting enables better sight so you may always look your best.

(Far right) Dining Rooms, improperly lighted, lack that intangible something. Magnalux Diffused Lighting adds that inviting atmosphere that asks you to dine.

RESIDENTIAL MAGNALUX LUMINAIRES

WITH BASINS
For Semi-Indirect
Illumination



Semi-Rigid Antique
Brass Hanger



Ceiling Antique
Brass Hanger



RING RELIEF BASIN



CAMEO RELIEF BASIN



DECORATED CAMEO RELIEF BASIN



DECORATED CAMEO RELIEF BASIN
WITH TASSEL



ALUMINUM LUMINOUS RELIEF
BASIN



BLUE LUMINOUS RELIEF BASIN



GREEN LUMINOUS RELIEF BASIN

For Lamp Size Watts	Approx. Overall Length	BASIN		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	

With Ring Relief Basin

150	22 3/4	15 1/2	5	788676
200	22 3/4	15 1/2	5	785535
300-500	25	18	6	788677
300-500	25	19 1/2	6 1/2	788678

With Cameo Relief Basin

150	22 3/4	15 1/2	5	788679
200	22 3/4	15 1/2	5	785539
300-500	25	18	6	788680
300-500	25	19 1/2	6 1/2	788681

With Decorated Cameo Relief Basin

150	22 3/4	15 1/2	5	788682
200	22 3/4	15 1/2	5	785579
300-500	25	18	6	788684
300-500	25	19 1/2	6 1/2	788685

With Decorated Cameo Relief Basin and Tassel

150	22 3/4	15 1/2	5	788686
200	22 3/4	15 1/2	5	788687
300-500	25	18	6	788688
300-500	25	19 1/2	6 1/2	788689

With Aluminum Luminous Relief Basin

150	22 3/4	15 1/2	5	788690
200	22 3/4	15 1/2	5	785531
300-500	25	18	6	788691
300-500	25	19 1/2	6 1/2	788692

With Blue Luminous Relief Basin

150	22 3/4	15 1/2	5	788693
200	22 3/4	15 1/2	5	788694
300-500	25	18	6	788695
300-500	25	19 1/2	6 1/2	788696

With Green Luminous Relief Basin

150	22 3/4	15 1/2	5	788697
200	22 3/4	15 1/2	5	788698
300-500	25	18	6	788699
300-500	25	19 1/2	6 1/2	788700

For Lamp Size Watts	Approx. Overall Length	Diam. Inches	Depth Inches	Complete Unit Style No. Wired

With Ring Relief Basin

150	12 1/2	15 1/2	5	788750
200	12 1/2	15 1/2	5	785555

With Cameo Relief Basin

150	12 1/2	15 1/2	5	788751
200	12 1/2	15 1/2	5	785557

With Decorated Cameo Relief Basin

150	12 1/2	15 1/2	5	788752
200	12 1/2	15 1/2	5	788753

With Decorated Cameo Relief Basin and Tassel

150	12 1/2	15 1/2	5	788754
200	12 1/2	15 1/2	5	788755

With Aluminum Luminous Relief Basin

150	12 1/2	15 1/2	5	788756
200	12 1/2	15 1/2	5	785543

With Blue Luminous Relief Basin

150	12 1/2	15 1/2	5	788757
200	12 1/2	15 1/2	5	788758

With Green Luminous Relief Basin

150	12 1/2	15 1/2	5	788813
200	12 1/2	15 1/2	5	788814

RESIDENTIAL MAGNALUX LUMINAIRES

WITH BASINS
For Semi-Indirect
Illumination



Semi-Rigid Antique
Brass Hanger

	Approx.			Complete
For Lamp	Overall	Diam.	Depth	Unit
Size Watts	Length	Inches	Inches	Style No.
				Wired

With Rose Pink Luminous Relief Basin

150	22 3/4	15 1/2	5	788701
200	22 3/4	15 1/2	5	788702
300-500	25	18	6	788703
300-500	25	19 1/2	6 1/2	788704



ROSE PINK LUMINOUS BASIN

With Yellow Luminous Relief Basin

150	22 3/4	15 1/2	5	788734
200	22 3/4	15 1/2	5	788735
300-500	25	18	6	788736
300-500	25	19 1/2	6 1/2	788737



YELLOW LUMINOUS BASIN

With Brown Luminous Relief Basin

150	22 3/4	15 1/2	5	788738
200	22 3/4	15 1/2	5	788739
300-500	25	18	6	788740
300-500	25	19 1/2	6 1/2	788741



BROWN LUMINOUS BASIN

With Metallic Moire Basin

150	22 3/4	15 1/2	5	788742
200	22 3/4	15 1/2	5	788743



METALLIC MOIRE BASIN

With Mother of Pearl Moire Basin

150	22 3/4	15 1/2	5	788744
200	22 3/4	15 1/2	5	788745



MOTHER OF PEARL MOIRE BASIN

With Ivory Moire Basin

150	22 3/4	15 1/2	5	788746
200	22 3/4	15 1/2	5	788747



IVORY MOIRE BASIN



Ceiling Antique
Brass Hanger

	Approx.			Complete
For Lamp	Overall	Diam.	Depth	Unit
Size Watts	Length	Inches	Inches	Style No.
				Wired

With Rose Pink Luminous Relief Basin

150	12 1/2	15 1/2	5	788815
200	12 1/2	15 1/2	5	788816

With Yellow Luminous Relief Basin

150	12 1/2	15 1/2	5	788817
200	12 1/2	15 1/2	5	788818

With Brown Luminous Relief Basin

150	12 1/2	15 1/2	5	788819
200	12 1/2	15 1/2	5	788820

With Metallic Moire Basin

150	12 1/2	15 1/2	5	788821
200	12 1/2	15 1/2	5	788822

With Mother of Pearl Moire Basin

150	12 1/2	15 1/2	5	788823
200	12 1/2	15 1/2	5	788824

With Ivory Moire Basin

150	12 1/2	15 1/2	5	788825
200	12 1/2	15 1/2	5	788826

RESIDENTIAL MAGNALUX LUMINAIRE HANGERS

RESIDENTIAL MAGNALUX
ANTIQUE BRASS
SEMI-RIGID HANGERRESIDENTIAL MAGNALUX
ANTIQUE BRASS
CEILING HANGER

For Lamp Size Watts	Length Inches	Style No.	HANGERS ONLY	
			STANDARD Quantity	PKG. Wt., Lbs.
RESIDENTIAL MAGNALUX SEMI-RIGID HANGERS				
150	17 $\frac{1}{8}$	787883	6	17
200	17 $\frac{1}{8}$	787885	6	17
300-500	17 $\frac{1}{8}$	788845	3	12
RESIDENTIAL MAGNALUX CEILING HANGERS				
150	6 $\frac{7}{8}$	785562	24	35
200	6 $\frac{7}{8}$	785563	24	35

BEAD CHAINS

Bead chains for supporting the basins are packed in the same carton with hangers. The tensile strength of the 150- and 200-watt chains is 25 pounds and the 300- and 500-watt chains 45 pounds. The basins weigh approximately 5 and 10 pounds respectively. The style numbers given below are for replacement purposes and cover one chain, three required per basin.

Watts	Style No.	Basin Diameter	Length
150-200	787327	15 $\frac{1}{2}$	5 $\frac{1}{4}$
300-500	787485	18	7 $\frac{1}{4}$
300-500	787485	19 $\frac{1}{2}$	7 $\frac{1}{4}$

TASSELS

Tassels may be used with decorated basins as indicated in the listing and are finished in gilt to match the brown decoration. Other finishes may be ob-

tained on special order at an additional cost. Drilled basins are required when tassels are used and tassels are packed in the same carton with drilled basins.

HANGERS

All Magnalux hangers are wired unless otherwise noted. Unwired hangers will be furnished when specified on the order. Medium Magnalux hangers for 150- and 200-watt lamps are furnished with the same husks but with different socket positions and these hangers cannot be interchanged, although as a temporary expedient medium socket extensions can be used in the 200-watt hangers with 150-watt lamps.

MOUNTING HEIGHT

In direct illumination the mounting height of the luminaire is determined in respect to its relation to

RESIDENTIAL MAGNALUX LUMINAIRE BASINS

For Lamp Size Watts	Diameter Inches	BASINS ONLY		STANDARD Pkg.	
		Depth Inches	Style No.	Quantity	Wt., Lbs.

RING RELIEF BASINS

150-200	15½	5	787603	2	19
300-500	18	6	788245	1	15
300-500	19½	6½	787540	1	16

CAMEO RELIEF BASINS

150-200	15½	5	787542	2	19
300-500	18	6	788517	1	15
300-500	19½	6½	787539	1	16

DECORATED CAMEO RELIEF BASINS

150-200	15½	5	786829	2	19
300-500	18	6	788518	1	15
300-500	19½	6½	786830	1	16

DECORATED CAMEO RELIEF BASINS
AND TASSELS

150-200	15½	5	785448	2	19
300-500	18	6	788509	1	15
300-500	19½	6½	785449	1	16

ALUMINUM LUMINOUS RELIEF BASINS

150-200	15½	5	785551	2	19
300-500	18	6	788347	1	15
300-500	19½	6½	785785	1	16

BLUE LUMINOUS RELIEF BASINS

150-200	15½	5	785770	2	19
300-500	18	6	785771	1	15
300-500	19½	6½	785772	1	16

For Lamp Size Watts	Diameter Inches	BASINS ONLY		STANDARD Pkg.	
		Depth Inches	Style No.	Quantity	Wt., Lbs.

GREEN LUMINOUS RELIEF BASINS

150-200	15½	5	785773	2	19
300-500	18	6	785774	1	15
300-500	19½	6½	785775	1	16

ROSE PINK LUMINOUS RELIEF BASINS

150-200	15½	5	785776	2	19
300-500	18	6	785780	1	15
300-500	19½	6½	785781	1	16

YELLOW LUMINOUS RELIEF BASINS

150-200	15½	5	785782	2	19
300-500	18	6	785783	1	15
300-500	19½	6½	785784	1	16

BROWN LUMINOUS RELIEF BASINS

150-200	15½	5	785770	2	19
300-500	18	6	785771	1	15
300-500	19½	6½	785778	1	16

METALLIC MOIRE BASIN

150-200	15½	5	788647	2	19
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MOTHER OF PEARL MOIRE

150-200	15½	5	788648	2	19
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IVORY MOIRE BASIN

150-200	15½	5	788649	2	19
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the floor level and permits a wide variation in stem or chain lengths. With semi-indirect illumination the mounting height of the luminaire is determined in respect to its relation to the ceiling. For maximum effectiveness the standard hangers should be used, the distance between the ceiling and the top edge of the basin being 17½ inches for the 150- and 200-watt hangers, 19 inches for the 300- and 500-watt hangers.

SPECIAL STEM LENGTHS

Residential Magalux hangers are so constructed that they cannot be furnished longer or shorter than standard.

SPECIAL FINISHES

The finish on Residential Magalux hangers is antique brass. These hangers can also be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

FILIGREE CROWN

By the addition of an attractive filigree crown or gallery, a more ornamental Residential Magalux is provided. Since the crown or gallery is usually used with decorated basins, it has a gilt finish to match the brown decoration on the glassware. The crown or gallery can also be furnished with a polished chromium finish. Prices of crowns or galleries will be furnished on request.

For Size Watts	GLOBES ONLY			STAND.	PKG. Quan.	Wt., Lb.
	Size Inches	Depth Inches	Style No. Wired			
PLAIN ENCLOSING GLOBES						
60	10 x 4	4 1/8	786819	6		17
75-100	12 x 4	5 3/4	786820	4		18
150-200	14 x 5	7 5/8	786821	1		7

MAGNALUX

RESIDENTIAL LUMINAIRES



MAGNALUX ALUMINUM LUMINOUS RELIEF BASIN WITH RESIDENTIAL CEILING HANGER IN ANTIQUE BRASS FINISH
STYLE NO. 785543



MAGNALUX DECORATED CAMBO RELIEF BASIN WITH RESIDENTIAL SEMI-RIGID HANGER IN ANTIQUE BRASS FINISH
STYLE NO. 785579

SOLLUX LUNALUX . . . LOUVERLUX LUMINAIRES



AMERICAN LIGHTING BOARD AT WORK IN NEW YORK, AND ILLUSTRATION OF THE LIGHTING EQUIPMENT.

Exhaustive studies of lighting, and its relationship to sight and human welfare, have disclosed the inadequacy of present day lighting in the majority of homes and places of business.

The need for adequate lighting is evidenced by the fact that one-fourth of the younger people suffer from defective vision, three-fourths of all people over 50 suffer from defective vision, and ninety-five per cent of all people over 60 have defective vision.

The inadequacy of present day lighting is largely the result of inability to definitely determine lighting intensities. Now, with the development of a scientific means to check intensities, science has set entirely new standards for adequate

illumination that double and triple the standards of yesterday.

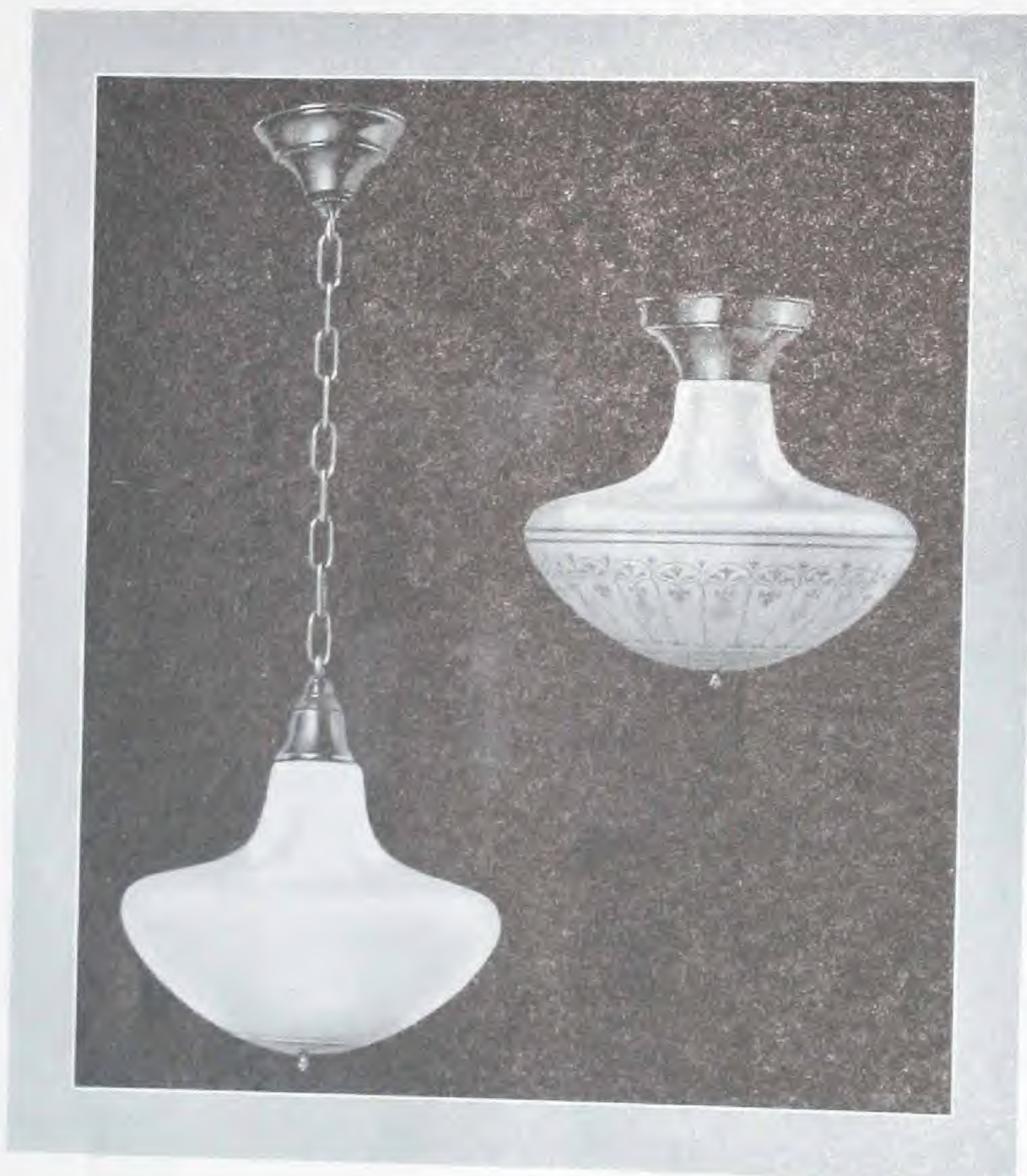
The Westinghouse Light Meter makes it possible to distinguish between poor light and good light in any location. The Light Meter is a convenient, portable and accurate method of measuring lighting intensities in foot candles.

Most important of all, Westinghouse has designed and perfected lighting equipment which makes possible the attainment of proper lighting where it is desired and needed.

Proper Westinghouse lighting, through its banishment of eye strain conditions, provides advantages which merit the immediate consideration of every home manager, every employer, and every merchant.

SOLLUX LUMINAIRES

WITH PLAIN HANGERS—AMERICAN BRONZE FINISH

SEMI-RIGID PLAIN
HANGER

PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Diameter Inches	Depth Inches	
PLAIN SEMI-RIGID HANGER WITH PLAIN GLOBE				
75-100	32½	10	7¾	784011
150	34	12	9¼	784012
200	35¼	14	10½	784013
300	37	16	12¼	784014
500	38¼	18	13½	784015

PLAIN SEMI-RIGID HANGER WITH DECORATED GLOBE				
75-100	32½	10	7¾	784016
150	34	12	9¼	784017
200	35¼	14	10½	784018
300	37	16	12¼	784019
500	38¼	18	13½	784020

SOLLUX LUMINAIRES

WITH PLAIN HANGERS — AMERICAN BRONZE FINISH—Continued

The Sollux globe contour utilizes the greatest percentage of the light generated, and the highest quality diffusing glass eliminates glare. The "tilt-out" cap permits easy replacement of the lamp without removing the globe from the holder. The decorated globe is furnished with a light tan decoration etched into the globe, which is unmarred except for a slight roughness where the design is applied. The caps for these globes have a design of the same color while the plain globes have a dark brown decoration.

The globe is supported by a keeper ring, a distinctive safety feature that produces a totally enclosed dust-proof luminaire and eliminates globe breakage.

In the chain and semi-rigid types, the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the husk. A knock-out in the canopy allows the use of a canopy switch, if desired. These hangers are equipped with 3/8-inch malleable iron hickies and running-thread nipples of sufficient length to permit attachment to studs in 1 1/2-inch deep outlet boxes installed flush with the ceiling. The ceiling hanger is supported by a self-adjusting bridge.

Chain and Semi-rigid hangers are wired with No. 16 stranded copper heat resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order. Ceiling type hangers do not require wire and are furnished unwired only.

Chain hangers are furnished with 9 Style No. 349951 chain links, 7 links per foot. Semi-rigid

hangers are furnished with two-section stems and may be lengthened by means of three-inch sections Style No. 784000, six-inch sections Style No. 784041, or nine-inch sections Style No. 344469.

The standard hanger finish is American Bronze but these hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.



CEILING TYPE
PLAIN HANGER



CHAIN SUSPENSION
PLAIN HANGER



PLAIN GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Unwired
		Dia. Inches	Depth Inches	
PLAIN CEILING HANGER WITH PLAIN GLOBE				
75-100	11 $\frac{3}{8}$	10	7 $\frac{3}{4}$	343012
150	12 $\frac{7}{8}$	12	9 $\frac{1}{4}$	343013
200	14 $\frac{1}{8}$	14	10 $\frac{1}{2}$	343014
300	15 $\frac{7}{8}$	16	12 $\frac{1}{4}$	343586
500	17 $\frac{1}{8}$	18	13 $\frac{1}{2}$	343587



DECORATED GLOBE

PLAIN CEILING HANGER WITH DECORATED GLOBE				
75-100	11 $\frac{3}{8}$	10	7 $\frac{3}{4}$	343015
150	12 $\frac{7}{8}$	12	9 $\frac{1}{4}$	343016
200	14 $\frac{1}{8}$	14	10 $\frac{1}{2}$	343017
300	15 $\frac{7}{8}$	16	12 $\frac{1}{4}$	343588
500	17 $\frac{1}{8}$	18	13 $\frac{1}{2}$	343589

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Dia. Inches	Depth Inches	
PLAIN CHAIN HANGER WITH PLAIN GLOBE				
75-100	32½	10	7¾	784001
150	34	12	9¼	784002
200	35¼	14	10½	784003
300	37⅝	16	12¼	784004
500	38⅞	18	13½	784005

PANELED CHAIN HANGER WITH DECORATED GLOBE				
75-100	32½	10	7¾	784006
150	34	12	9¼	784007
200	35¼	14	10½	784008
300	37⅝	16	12¼	784009
500	38⅞	18	13½	784010

SOLLUX LUMINAIRES

WITH PANELED HANGERS—STATUARY BRONZE FINISH

SEMI-RIGID
PANELED
HANGER

PLAIN GLOBE



DECORATED GLOBE

For Lamp
Size WattsOverall
LengthDiameter
Inches

GLOBE

Depth
InchesComplete Unit
Style No.
WiredPANELED SEMI-RIGID HANGER
WITH PLAIN GLOBE

75-100	32½	10	7¾	784061
150	34	12	9¼	784062
200	35¼	14	10½	784063
300	37	16	12¼	784064
500	38¾	18	13½	784065

PANELED SEMI-RIGID HANGER
WITH DECORATED GLOBE

75-100	32½	10	7¾	784066
150	34	12	9¼	784067
200	35¼	14	10½	784068
300	37	16	12¼	784069
500	38¾	18	13½	784070

SOLLUX LUMINAIRES

WITH PANELED HANGERS — STATUARY BRONZE FINISH—Continued

The Sollux globe contour utilizes the greatest percentage of the light generated, and the highest quality diffusing glass eliminates glare. The "tilt-out" cap permits easy replacement of the lamp without removing the globe from the holder. The decorated globe is furnished with a light tan decoration etched into the globe, which is unmarred except for a slight roughness where the design is applied. The caps for these globes have a design of the same color while the plain globes have a dark brown decoration.

The globe is supported by a keeper ring, a distinctive safety feature that produces a totally enclosed dust-proof luminaire and eliminates globe breakage.

In the chain and semi-rigid types, the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the husk. A knock-out in the canopy allows the use of a canopy switch, if desired. These hangers are equipped with 3/8-inch malleable iron hickies and running-thread nipples of sufficient length to permit attachment to studs in 1 1/2-inch deep outlet boxes installed flush with the ceiling. The ceiling hanger is supported by a self-adjusting bridge.

Chain and Semi-rigid hangers are wired with No. 16 stranded copper heat resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order. Ceiling type hangers do not require wire and are furnished unwired only.

Chain hangers are furnished with 10 Style No. 353837 detachable chain links, 8 links per foot. Semi-rigid hangers are furnished with two-section stems and may be lengthened by means of three-inch sections Style No. 339571, six-inch sections Style No. 339394 or nine-inch sections Style No. 349683.

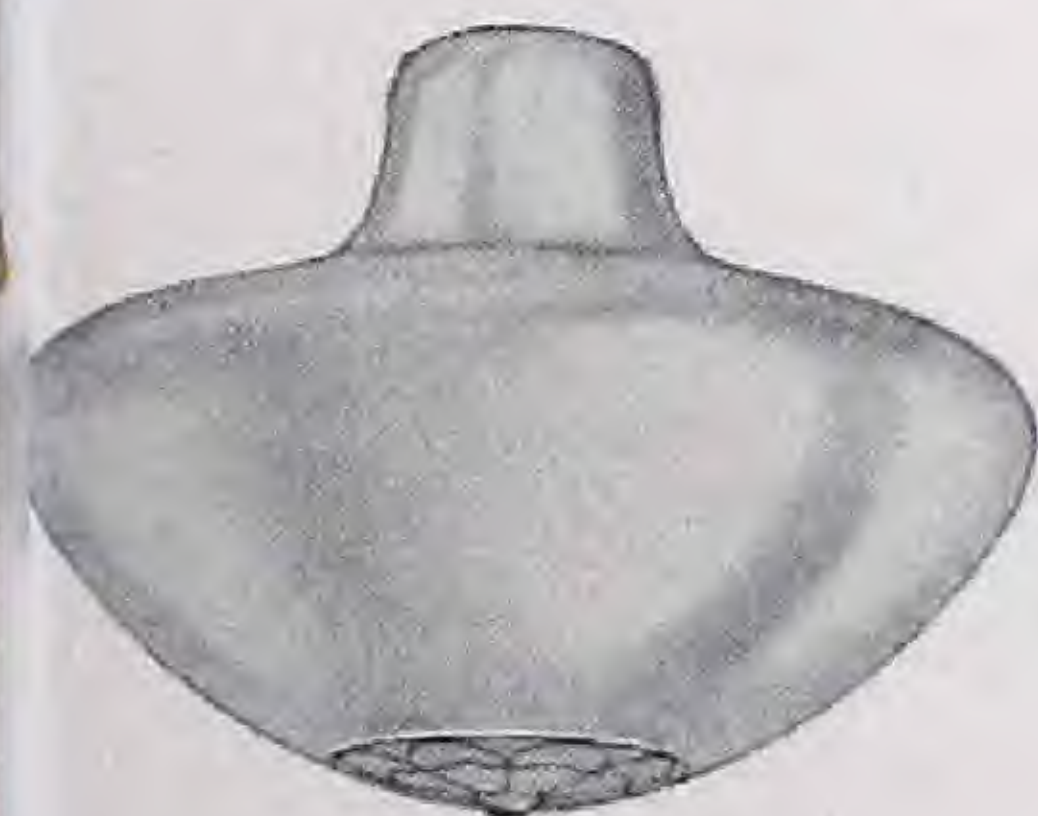
The standard hanger finish is Statuary Bronze but these hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.



CEILING TYPE
PANELED HANGER



CHAIN SUSPENSION
PANELED HANGER



PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Unwired
		Diam. Inches	Depth Inches	

PANELED CEILING HANGER WITH PLAIN GLOBE

75-100	11 1/2	10	7 3/4	343006
150	13	12	9 1/4	343007
200	14 1/4	14	10 1/2	343008
300	16	16	12 1/4	343584
500	17 1/4	18	13 1/2	343585

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	

PANELED CHAIN HANGER WITH PLAIN GLOBE

75-100	32 1/2	10	7 3/4	784051
150	34	12	9 1/4	784052
200	35 1/4	14	10 1/2	784053
300	37 3/4	16	12 1/4	784054
500	39	18	13 1/2	784055

PANELED CEILING HANGER WITH DECORATED GLOBE

75-100	11 1/2	10	7 3/4	343009
150	13	12	9 1/4	343010
200	14 1/4	14	10 1/2	343011
300	16	16	12 1/4	343590
500	17 1/4	18	13 1/2	343591

PANELED CHAIN HANGER WITH DECORATED GLOBE

75-100	32 1/2	10	7 3/4	784056
150	34	12	9 1/4	784057
200	35 1/4	14	10 1/2	784058
300	37 3/4	16	12 1/4	784059
500	39	18	13 1/2	784060

SOLLUX LUMINAIRES

WITH ORNAMENTAL HANGERS—ANTIQUE GOLD FINISH



Standard decorated Sollux globes and caps are used with ornamental hangers and are supported by a keeper ring. These hangers are equipped with a composition globe crown, composition ornamentation on the hank and canopy and a light-weight tassel for the globe cap.

In the chain type the canopy is mounted on a threaded stem of sufficient length to allow room for making connections. These hangers are equipped with $\frac{1}{4}$ -inch iron hickory and turning-thread nipples of sufficient length to permit attachment to studs in 1 $\frac{1}{4}$ -inch deep outlet boxes installed flush with the ceiling. The ceiling hanger is supported by a self-adjusting bridge.

Chain hangers are wired with No. 16 stranded copper silk covered heat resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order. Ceiling type hangers do not require wire and are furnished unwired only.

Chain hangers are furnished with 13 Style No. 349517 massive chain links, 6 links per foot.

Ornamental brackets are listed both with and without the globe crowns. The overall extension of the bracket type with crown is 18 inches with the 10-inch globe, 19 inches with the 12-inch globe and 20 inches with the 14-inch globe. Without crown the overall extension is 16 $\frac{1}{4}$ inches with the 10-inch globe, 17 $\frac{1}{4}$ inches with the 12-inch globe and 18 $\frac{1}{4}$ inches with the 14-inch globe. The bottom of the tassel in the bracket type is 11 $\frac{1}{4}$, 12 $\frac{3}{4}$ or 14 inches below the center of the bracket canopy depending on the globe size.

The standard hanger finish is Antique Gold but these hangers can be furnished with special finishes at an increase in price depending on the quantity.



CHAIN SUSPENSION
ORNAMENTAL HANGER
WITH GLOBE CROWN
AND TASSEL



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Diameter Inches	Depth Inches	
ORNAMENTAL CHAIN HANGER WITH DECORATED GLOBE				
75-100	53 1/4	10	7 1/4	343876
150	55 1/4	12	9 1/4	343877
200	56 1/4	14	10 1/4	343810
300	59 1/4	16	12 1/4	343811
500	60 1/4	18	13 1/4	343812

SOLLUX LUMINAIRES

WITH ORNAMENTAL HANGERS—ANTIQUE GOLD FINISH—Continued

CEILING TYPE ORNAMENTAL HANGER
WITH GLOBE CROWN AND TASSELWALL BRACKET ORNAMENTAL
HANGER WITH GLOBE CROWN
AND TASSEL

DECORATED GLOBE

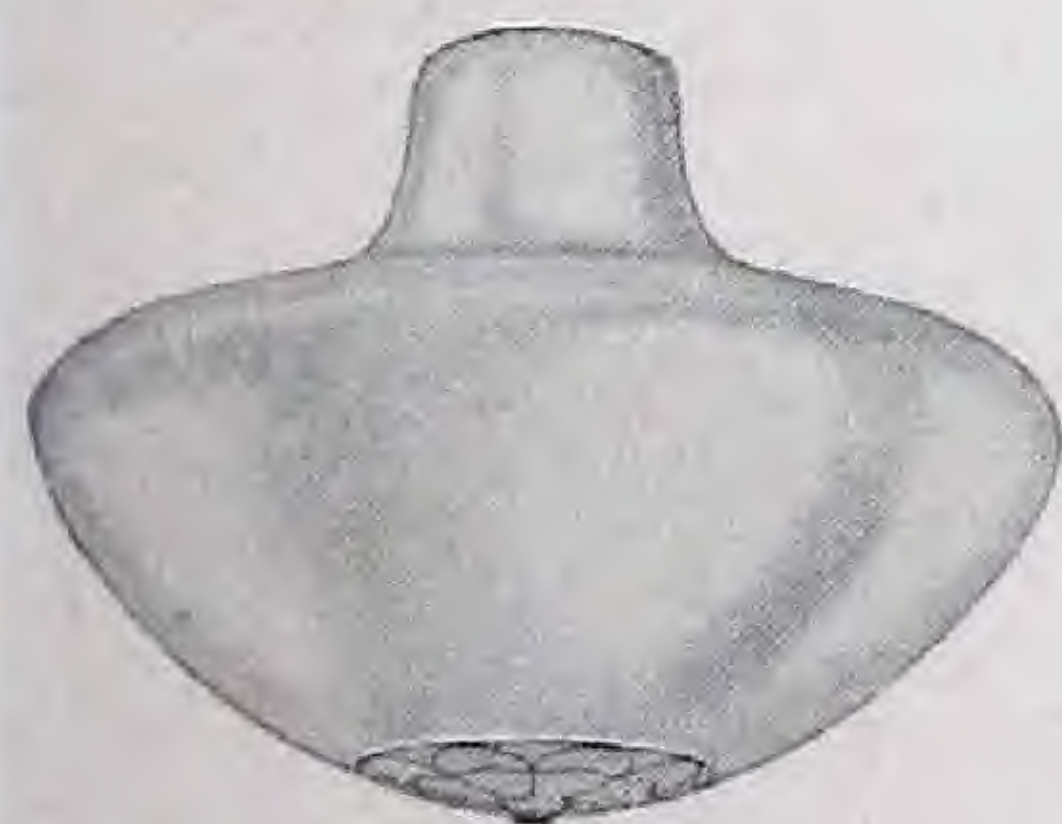
For Lamp Size Watts	Overall Length	—GLOBE—		Complete Unit Style No. Unwired
		Diam. Inches	Depth Inches	
ORNAMENTAL CEILING HANGER WITH DECORATED GLOBE				
75-100	15¾	10	7¾	343274
150	17¼	12	9¼	343275
200	18½	14	10½	343218
300	20¼	16	12¼	343219
500	21½	18	13½	343220

For Lamp Size Watts	Overall Length	— GLOBE —		Complete Unit Style No. Wired
		Dia. Inches	Depth Inches	
ORNAMENTAL BRACKET WITH DECORATED GLOBE AND CROWN				
75-100	19¼	10	7¾	343280
150	20¾	12	9¼	343281
200	22	14	10½	349760

ORNAMENTAL BRACKET WITH
DECORATED GLOBE WITHOUT
CROWN

For Lamp Size Watts	Overall Length	Dia. Inches	Depth Inches	Complete Unit Style No. Wired
75-100	19 $\frac{1}{4}$	10	7 $\frac{3}{4}$	343225
150	20 $\frac{3}{4}$	12	9 $\frac{1}{4}$	343226
200	22	14	10 $\frac{1}{2}$	349761

SOLLUX CORRIDOR LUMINAIRES

WITH CAST BRONZE HANGERS,
ANTIQUE GOLD FINISH WITH
BURNISHED HIGH LIGHTS

PLAIN GLOBE



For Lamp Size Watts	Overall Length	— GLOBE —		Complete Unit Style No. Wired
		Dia. Inches	Depth Inches	
CORRIDOR CEILING HANGER WITH PLAIN GLOBE				



DECORATED GLOBE

CORRIDOR CEILING HANGER WITH DECORATED GLOBE				
75-100	11 $\frac{1}{8}$	10	7 $\frac{3}{4}$	343882
150	13	12	9 $\frac{1}{4}$	343883
200	14 $\frac{1}{4}$	14	10 $\frac{1}{2}$	343884

For installations where a luminaire somewhat more ornamental than the plain commercial luminaire is required, but where the Ornamental Sollux is felt to be too decorative, the Sollux Corridor luminaire should be furnished.

The need for this luminaire will often be encountered in the corridors of buildings, in banks, hotel rooms, lobbies and similar places.

Sollux Corridor hanger is made of cast bronze, with a special antique gold finish having burnished high lights. The hanger is a regular Sollux hanger, employing the keeper ring method for supporting the Sollux globe, with "tilt-out" cap. The unit is furnished in the ceiling type only, for use with the plain or decorated globe.

LUNALUX LUMINAIRES

WITH PLAIN HANGERS—AMERICAN BRONZE FINISH
FOR SEMI-INDIRECT LIGHTING



SEMI-RIGID PLAIN HANGER

PLAIN GLOBE
WITH ADAPTERDECORATED GLOBE
WITH ADAPTER

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style Number Wired
		Diameter, Inches	Depth Inches	

PLAIN SEMI-RIGID HANGER WITH
PLAIN GLOBE

75-100	32½	10	6½	788851
150	34	12	8	788852
200	35¼	14	9¼	788853
300	37	16	11¼	788854
500	38½	18	12½	788855

PLAIN SEMI-RIGID HANGER WITH
DECORATED GLOBE

75-100	32½	10	6½	788856
150	34	12	8	788857
200	35¼	14	9¼	788858
300	37	16	11¼	788859
500	38½	18	12½	788860

LUNALUX LUMINAIRES

WITH PLAIN HANGERS—AMERICAN BRONZE FINISH FOR SEMI-INDIRECT LIGHTING—Continued

Lunalux luminaires embody the desirable features found in the Sollux globe, and produce semi-indirect illumination from homogeneous glass.

The process of making this type of semi-indirect globe creates a white reflecting surface on the inside of the lower part of the globe and leaves the upper part a light density having high transmission qualities with only slight diffusion. The result produces the pleasing, restful illumination of semi-indirect lighting without resorting to coating or enamel which may deteriorate with use.

The Lunalux globe retains the "tilt-out" cap used with the Sollux globe. The "tilt-out" cap supplied with this globe is designed to match the glass both when the unit is lighted and unlighted.

The caps for decorated globes have a design of the same color as the globe decoration, while caps for plain globes have a dark brown decoration.

The globe is supported by a keeper ring and a short adapter packed in the carton with each globe.

In the chain and semi-rigid types, the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the husk. A knock-out in the canopy allows the use of a canopy switch, if desired. These hangers are equipped with $\frac{3}{8}$ -inch malleable iron hickies and running-thread nipples of sufficient length to permit attachment to studs in $1\frac{1}{2}$ -inch deep outlet boxes installed flush with the ceiling. The ceiling hanger is supported by a self-adjusting bridge.

Chain and Semi-rigid hangers are wired with No. 16 stranded copper heat resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.



CEILING TYPE
PLAIN HANGER



CHAIN SUSPENSION
PLAIN HANGER



PLAIN GLOBE
WITH ADAPTER



DECORATED GLOBE
WITH ADAPTER

For Lamp Size Watts	Overall Length	— GLOBE —		Complete Unit Style No. Unwired
		Diam. Inches	Depth Inches	

PLAIN CEILING HANGER WITH PLAIN GLOBE

75-100	11 $\frac{3}{8}$	10	6 $\frac{1}{2}$	788871
150	12 $\frac{7}{8}$	12	8	788872
200	14 $\frac{1}{8}$	14	9 $\frac{1}{4}$	788873
300	15 $\frac{7}{8}$	16	11 $\frac{1}{4}$	788874
500	17 $\frac{1}{8}$	18	12 $\frac{1}{2}$	788875

PLAIN CEILING HANGER WITH DECORATED GLOBE

75-100	11 $\frac{3}{8}$	10	6 $\frac{1}{2}$	788876
150	12 $\frac{7}{8}$	12	8	788877
200	14 $\frac{1}{8}$	14	9 $\frac{1}{4}$	788878
300	15 $\frac{7}{8}$	16	11 $\frac{1}{4}$	788879
500	17 $\frac{1}{8}$	18	12 $\frac{1}{2}$	788880

For Lamp Size Watts	Overall Length	— GLOBE —		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	

PLAIN CHAIN HANGER WITH PLAIN GLOBE

75-100	32 $\frac{1}{2}$	10	6 $\frac{1}{2}$	788881
150	34	12	8	788882
200	35 $\frac{1}{4}$	14	9 $\frac{1}{4}$	788883
300	36 $\frac{7}{8}$	16	11 $\frac{1}{4}$	788884
500	38	18	12 $\frac{1}{2}$	788885

PLAIN CHAIN HANGER WITH DECORATED GLOBE

75-100	32 $\frac{1}{2}$	10	6 $\frac{1}{2}$	788886
150	34	12	8	788887
200	35 $\frac{1}{4}$	14	9 $\frac{1}{4}$	788888
300	36 $\frac{7}{8}$	16	11 $\frac{1}{4}$	788889
500	38	18	12 $\frac{1}{2}$	788890

LUNALUX LUMINAIRES

WITH PANELED HANGERS—STATUARY BRONZE FINISH
FOR SEMI-INDIRECT LIGHTING



SEMI-RIGID PANELED HANGER

PLAIN GLOBE
WITH ADAPTERDECORATED GLOBE
WITH ADAPTERFor Lamp
Size WattsOverall
LengthDiam.
Inches

GLOBE

Depth
InchesComplete Unit
Style No.
WiredPANELED SEMI-RIGID HANGER WITH
PLAIN GLOBE

75-100	32½	10	6½	784953
150	34	12	8	784954
200	35¼	14	9¼	784955
300	37	16	11¼	784956
500	38½	18	12½	784957

PANELED SEMI-RIGID HANGER
WITH DECORATED GLOBE

75-100	32½	10	6½	784958
150	34	12	8	784959
200	35¼	14	9¼	784960
300	37	16	11¼	784961
500	38½	18	12½	784962

LUNALUX LUMINAIRES

WITH paneled hangers—STATUARY BRONZE FINISH FOR SEMI-INDIRECT LIGHTING—Continued

Lunalux luminaires embody the desirable features found in the allux globe, and produce semi-direct illumination from homogeneous glass.

The process of making this type of semi-indirect globe creates white reflecting surface on the inside of the lower part of the globe and leaves the upper part a light density having high transmission qualities with only slight diffusion. The result produces the pleasing, restful illumination of semi-indirect lighting without resorting to coating or enamel which may deteriorate with use.

The Lunalux globe retains the "tilt-out" cap used with the allux globe. The "tilt-out" cap supplied with this globe is designed to match the glass both when the unit is lighted and unlighted.

The caps for decorated globes have a design of the same color as the globe decoration, while caps for plain globes have dark brown decoration.

The globe is supported by a keeper ring and a short adapter tucked in the carton with each globe.

In the chain and semi-rigid types, the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to tip down to the husk. A knock-out in the canopy allows the use of a canopy switch, if desired. These hangers are equipped with $\frac{3}{8}$ -inch malleable iron keys and running-thread nipples of sufficient length to permit attachment to studs in $1\frac{1}{2}$ -inch deep outlet boxes installed flush with the ceiling. The ceiling

hanger is supported by a self-adjusting bridge.

Chain and Semi-rigid hangers are wired with No. 16 stranded copper heat-resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order. Ceiling type hangers do not require wire and are furnished unwired only.

Chain hangers are furnished with 10 Style No. 353837 detachable chain links, 8 links per foot. Semi-rigid hangers are furnished with two-section stems and may be lengthened by means of three-inch sections Style No. 339571, six-inch sections Style No. 339394 or nine-inch sections Style No. 349683.

The standard hanger finish is Statuary Bronze but these hangers can be furnished with special finishes at an increase in price, depending on the quantity. Prices will be quoted upon application when quantities are given.



CEILING TYPE
PANELED HANGER



CHAIN SUSPENSION
PANELED HANGER



PLAIN GLOBE
WITH ADAPTER



DECORATED GLOBE
WITH ADAPTER

For Lamp Size Watts	Overall Length	— GLOBE —		Complete Unit Style No. Unwired
		Diam. Inches	Depth Inches	

PANELED CEILING HANGER WITH PLAIN GLOBE

75-100	11 $\frac{1}{2}$	10	6 $\frac{1}{2}$	784933
150	13	12	8	784934
200	14 $\frac{1}{4}$	14	9 $\frac{1}{4}$	784935
300	16	16	11 $\frac{1}{4}$	784936
500	17 $\frac{1}{4}$	18	12 $\frac{1}{2}$	784937

PANELED CEILING HANGER WITH DECORATED GLOBE

75-100	11 $\frac{1}{2}$	10	6 $\frac{1}{2}$	784938
150	13	12	8	784939
200	14 $\frac{1}{4}$	14	9 $\frac{1}{4}$	784940
300	16	16	11 $\frac{1}{4}$	784941
500	17 $\frac{1}{4}$	18	12 $\frac{1}{2}$	784942

For Lamp Size Watts	Overall Length	— GLOBE —		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	

PANELED CHAIN HANGER WITH PLAIN GLOBE

75-100	32 $\frac{1}{2}$	10	6 $\frac{1}{2}$	784943
150	34	12	8	784944
200	35 $\frac{1}{4}$	14	9 $\frac{1}{4}$	784945
300	37	16	11 $\frac{1}{4}$	784946
500	38 $\frac{1}{4}$	18	12 $\frac{1}{2}$	784947

PANELED CHAIN HANGER WITH DECORATED GLOBE

75-100	32 $\frac{1}{2}$	10	6 $\frac{1}{2}$	784948
150	34	12	8	784949
200	35 $\frac{1}{4}$	14	9 $\frac{1}{4}$	784950
300	37	16	11 $\frac{1}{4}$	784951
500	38 $\frac{1}{4}$	18	12 $\frac{1}{2}$	784952

LUNALUX JUNIOR LUMINAIRES

POLISHED CHROMIUM OR AMERICAN BRONZE FINISH



SEMI-RIGID SUSPENSION
HANGER AMERICAN
BRONZE FINISH



SEMI-RIGID SUSPENSION
HANGER POLISHED
CHROMIUM FINISH

The semi-indirect Lunalux globes or globes of the same shape made of the highest quality diffusing glass are listed with the Lunalux Junior Hangers.

Lunalux Junior Hangers are made of heavy gauge brass and are furnished only in the semi-rigid type. The canopy is fastened to the special bridge by two screws which, when released, allow the hanger to be lowered from the ceiling the length of the lead-in wires. A knock-out for canopy switch is not provided in the standard canopy, but hangers having knockouts will be supplied on special order at the regular price.

These hangers are wired with No. 16 stranded copper, heat-resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

All Lunalux Junior hangers are 24 inches long, but lengths other than standard can be supplied on special order at an increased price.

The standard hanger finishes are polished chromium which harmonizes with almost any decorative scheme and American Bronze when a dark finish is desired. The hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.



LUNALUX
PLAIN GLOBE



LUNALUX
DECORATED GLOBE



MONAX PLAIN GLOBE



MONAX DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	

AMERICAN BRONZE SEMI-RIGID HANGER WITH PLAIN LUNALUX GLOBE

75-100	32½	10	6½	785400
150	34	12	8	785401
200	35¼	14	9¼	785402
300	37	16	11¼	785403
500	38¾	18	12½	785404

AMERICAN BRONZE SEMI-RIGID HANGER WITH DECORATED LUNALUX GLOBE

75-100	32½	10	6½	785405
150	34	12	8	785406
200	35¼	14	9¼	785407
300	37	16	11¼	785408
500	38¾	18	12½	785409

AMERICAN BRONZE SEMI-RIGID HANGER WITH PLAIN MONAX GLOBE (LUNALUX SHAPE)

75-100	32½	10	6½	785410
150	34	12	8	785411
200	35¼	14	9¼	785412
300	37	16	11¼	785413
500	38¾	18	12½	785414

AMERICAN BRONZE SEMI-RIGID HANGER WITH DECORATED MONAX GLOBE (LUNALUX SHAPE)

75-100	32½	10	6½	785415
150	34	12	8	785416
200	35¼	14	9¼	785417
300	37	16	11¼	785418
500	38¾	18	12½	785419

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	

CHROMIUM SEMI-RIGID HANGER WITH PLAIN LUNALUX GLOBE

75-100	32½	10	6½	785300
150	34	12	8	785301
200	35¼	14	9¼	785302
300	37	16	11¼	785303
500	38¾	18	12½	785304

CHROMIUM SEMI-RIGID HANGER WITH DECORATED LUNALUX GLOBE

75-100	32½	10	6½	785305
150	34	12	8	785306
200	35¼	14	9¼	785307
300	37	16	11¼	785308
500	38¾	18	12½	785309

CHROMIUM SEMI-RIGID HANGER WITH PLAIN MONAX GLOBE (LUNALUX SHAPE)

75-100	32½	10	6½	785310
150	34	12	8	785311
200	35¼	14	9¼	785312
300	37	16	11¼	785313
500	38¾	18	12½	785314

CHROMIUM SEMI-RIGID HANGER WITH DECORATED MONAX GLOBE (LUNALUX SHAPE)

75-100	32½	10	6½	785315
150	34	12	8	785316
200	35¼	14	9¼	785317
300	37	16	11¼	785318
500	38¾	18	12½	785319

SOLLUX KITCHEN UNITS

Sollux Kitchen Units retain all the advantages of the regular Sollux luminaire. The hanger is white enameled and the globe is the regular 10-inch Sollux globe.

The unit is supported by a bridge which can be fastened to the ceiling. A three-conductor silk cord is furnished in one type with an extended bridge which holds the cord away from the globe. The other type is a standard ceiling hanger.



PLAIN GLOBE

SOLLUX KITCHEN HANGER
WITH EXTENDED BRIDGE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No.
		Diam. Inches	Depth Inches	

SOLLUX KITCHEN UNIT WITH EXTENDED BRIDGE

75-100	11 $\frac{3}{8}$	10	7 $\frac{3}{4}$	352500
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SOLLUX KITCHEN HANGER
WITHOUT EXTENDED BRIDGE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No.
		Diam. Inches	Depth Inches	

SOLLUX KITCHEN UNIT WITHOUT EXTENDED BRIDGE

75-100	11 $\frac{3}{8}$	10	7 $\frac{3}{4}$	352501
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SOLLUX BRACKETS



PLAIN GLOBE



For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No.
		Diam. Inches	Depth Inches	

SOLLUX PANELED BRACKET WITH PLAIN GLOBE

75-100	14 $\frac{1}{2}$	10	7 $\frac{3}{4}$	343027
150	15 $\frac{1}{2}$	12	9 $\frac{1}{4}$	343028
200	16 $\frac{1}{2}$	14	10 $\frac{1}{2}$	343029



DECORATED GLOBE

SOLLUX PANELED BRACKET WITH DECORATED GLOBE

75-100	14 $\frac{1}{2}$	10	7 $\frac{3}{4}$	343030
150	15 $\frac{1}{2}$	12	9 $\frac{1}{4}$	343031
200	16 $\frac{1}{2}$	14	10 $\frac{1}{2}$	343032



For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No.
		Diam. Inches	Depth Inches	

SOLLUX PLAIN BRACKET WITH PLAIN GLOBE

75-100	14 $\frac{1}{2}$	10	7 $\frac{3}{4}$	343034
150	15 $\frac{1}{2}$	12	9 $\frac{1}{4}$	343035
200	16 $\frac{1}{2}$	14	10 $\frac{1}{2}$	343036

SOLLUX PLAIN BRACKET WITH DECORATED GLOBE

75-100	14 $\frac{1}{2}$	10	7 $\frac{3}{4}$	343037
150	15 $\frac{1}{2}$	12	9 $\frac{1}{4}$	343038
200	16 $\frac{1}{2}$	14	10 $\frac{1}{2}$	343039

SOLLUX CAP ORNAMENTS AND TASSELS

For Hangers	Finish	Style No.
Plain Sollux	American Bronze	349672
Paneled Sollux	Statuary Bronze	349435
Ornamental Sollux	Antique Gold	349288

SOLLUX AND LUNALUX GLOBE CAPS

A composition cap is packed with each Sollux and Lunalex Globe. These caps are listed below only for convenience in ordering replacements. Glass caps complete with ornaments for replacement or for new installations can be furnished when specified on the order. Prices for new installation will be quoted upon application.

Globe Diam. Inches	Cap Opening Diam. Inches	STYLE NO.	
		For Plain Globes	For Decorated Globes

COMPOSITION CAPS FOR SOLLUX GLOBES

10 or 12	4 $\frac{3}{8}$	344181	344711
14	5 $\frac{3}{8}$	344182	344712
16 or 18	5 $\frac{1}{2}$	344183	344713

COMPOSITION CAPS FOR LUNALUX GLOBES

10 or 12	4 $\frac{3}{8}$	346591	346581
14	5 $\frac{3}{8}$	346592	346582
16 or 18	5 $\frac{1}{2}$	346593	346583

Globe Diam. Inches	Cap Opening Diam. Inches	STYLE NO.	
		For Plain or Decorated Globes	

GLASS CAPS FOR PLAIN OR DECORATED SOLLUX GLOBES

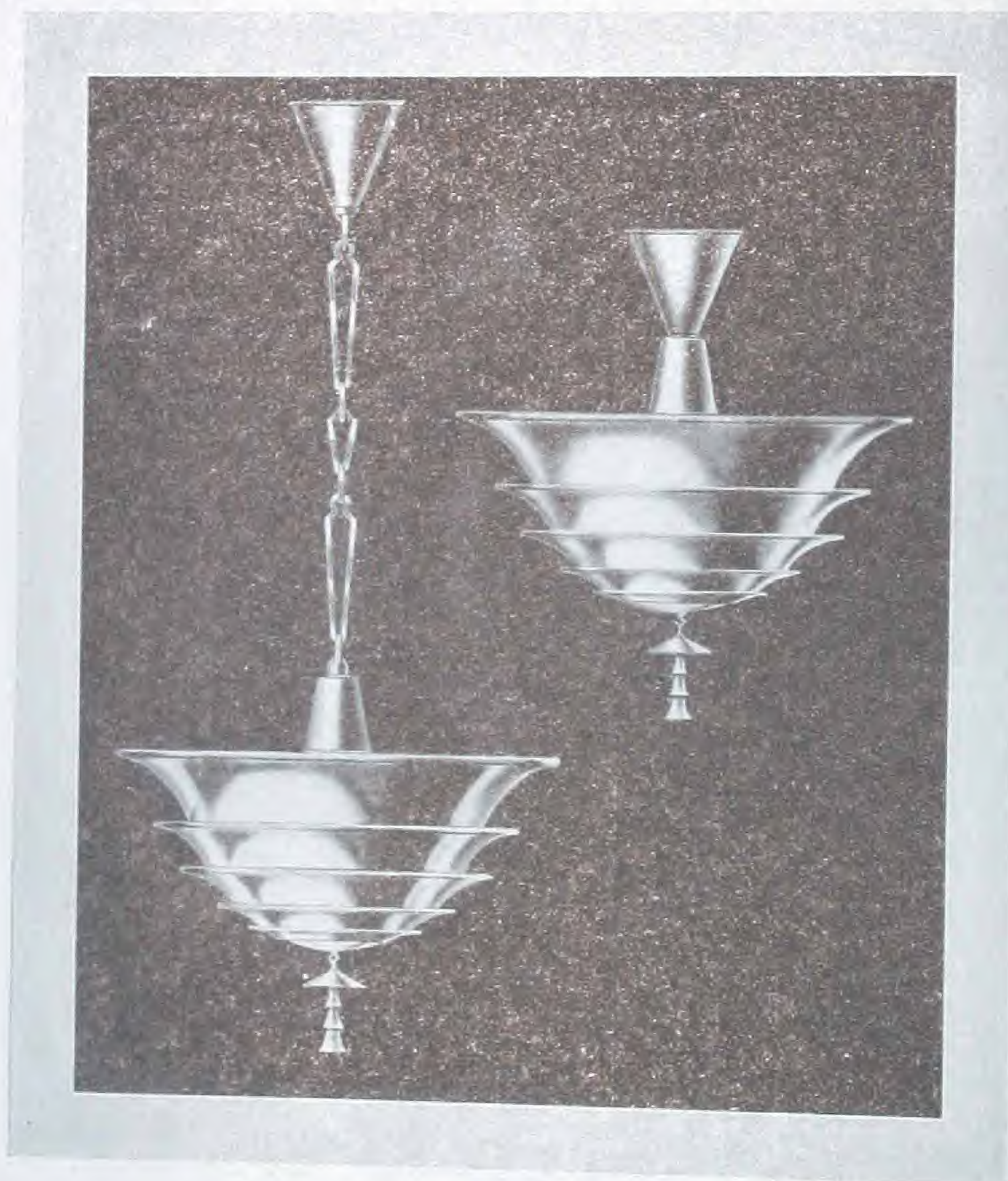
10 or 12	4 $\frac{3}{8}$	788901
14	5 $\frac{3}{8}$	788902
16 or 18	5 $\frac{1}{2}$	788903

GLASS CAPS FOR PLAIN OR DECORATED LUNALUX GLOBES

10 or 12	4 $\frac{3}{8}$	788904
14	5 $\frac{3}{8}$	788905
16 or 18	5 $\frac{1}{2}$	788906

LOUVERLUX LUMINAIRES

WITH MODERNISTIC HANGERS—SATIN ALUMINUM FINISH
FOR INDIRECT LIGHTING



SEMI-RIGID
MODERNISTIC HANGER



LOUVERS

For Lamp Size Watts	Overall Length	LOUVER		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	
SEMI-RIGID HANGERS WITH LUNALUX GLOBE AND LOUVERS				
200	45	20½	9½	784916
300	46⅜	22½	11¼	784917
500	47½	24½	12½	784918

LOUVERLUX LUMINAIRES

WITH MODERNISTIC HANGERS—SATIN ALUMINUM FINISH

Louverlux is a semi-modernistic design of indirect lighting luminaire, embodying a Lunalux globe for reflecting and diffusing the light, and a series of louvers to direct the remaining light toward the ceiling. Due to the special design of Louverlux, no ceiling streaks or striations will be present.

The globe is supported by a keeper ring and the louvers are supported by a tripod, independent of the globe. Thus the louvers can be removed for cleaning without disturbing the globe. The standard Lunalux "tilt-out" cap is used which permits relamping without removing the globe or louvers. A metal "tilt-out" cap for making the luminaire totally indirect can be furnished. Order Style No. 786063 for the 200-watt size and Style No. 784797 for the 300- or 500-watt size.

In the chain and semi-rigid types, the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down over the chain or stem a reasonable distance to allow for easy wiring. A knock-out in the canopy permits the use of a canopy switch, if desired. The canopy and husk in the ceiling hanger have been combined into a single unit. The unit is supported by a self-adjusting bridge.

The chain and semi-rigid hangers are wired with No. 16 stranded copper heat-resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order. Ceiling hangers are furnished unwired, but wire is included in the carton.

Chain hangers are furnished with two short or connecting links, Style No. 347226, length $1\frac{3}{8}$ inches each, one medium link, Style No. 347225, length $2\frac{3}{8}$ inches and two long links, Style No. 347227, length $6\frac{1}{2}$ inches each. Semi-rigid hangers are furnished with two-section stems and may be lengthened by means of three-inch sections Style No. 784667, six-inch sections Style No. 784668 or nine-inch sections Style No. 784669.

The standard hanger and louver finish is satin aluminum but the hangers can be furnished with most special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.



CEILING
MODERNISTIC HANGER



CHAIN SUSPENSION
MODERNISTIC HANGER



LOUVERS

For Lamp Size Watts	Overall Length	—LOUVER—		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	
CEILING HANGER WITH LUNALUX GLOBE AND LOUVERS				
200	23	$20\frac{1}{2}$	$9\frac{1}{4}$	784910
300	$24\frac{3}{8}$	$22\frac{1}{2}$	$11\frac{1}{4}$	784911
500	$25\frac{1}{2}$	$24\frac{1}{2}$	$12\frac{1}{2}$	784912

For Lamp Size Watts	Overall Length	—LOUVER—		Complete Unit Style No. Wired
		Diam. Inches	Depth Inches	
CHAIN HANGER WITH LUNALUX GLOBE AND LOUVERS				
200	45	$20\frac{1}{2}$	$9\frac{1}{4}$	784913
300	$46\frac{3}{8}$	$22\frac{1}{2}$	$11\frac{1}{4}$	784914
500	$47\frac{1}{2}$	$24\frac{1}{2}$	$12\frac{1}{2}$	784915

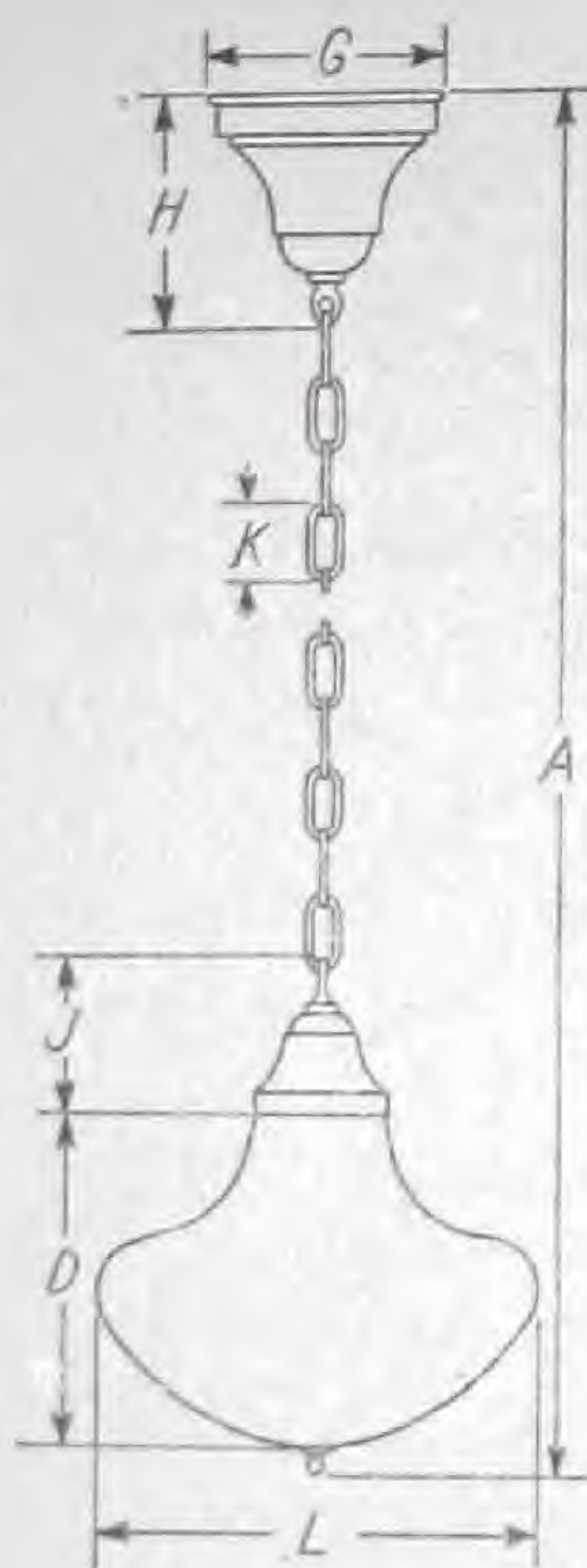


Fig. No. 1
TYPICAL SUSPENSION TYPE
LUMINAIRE

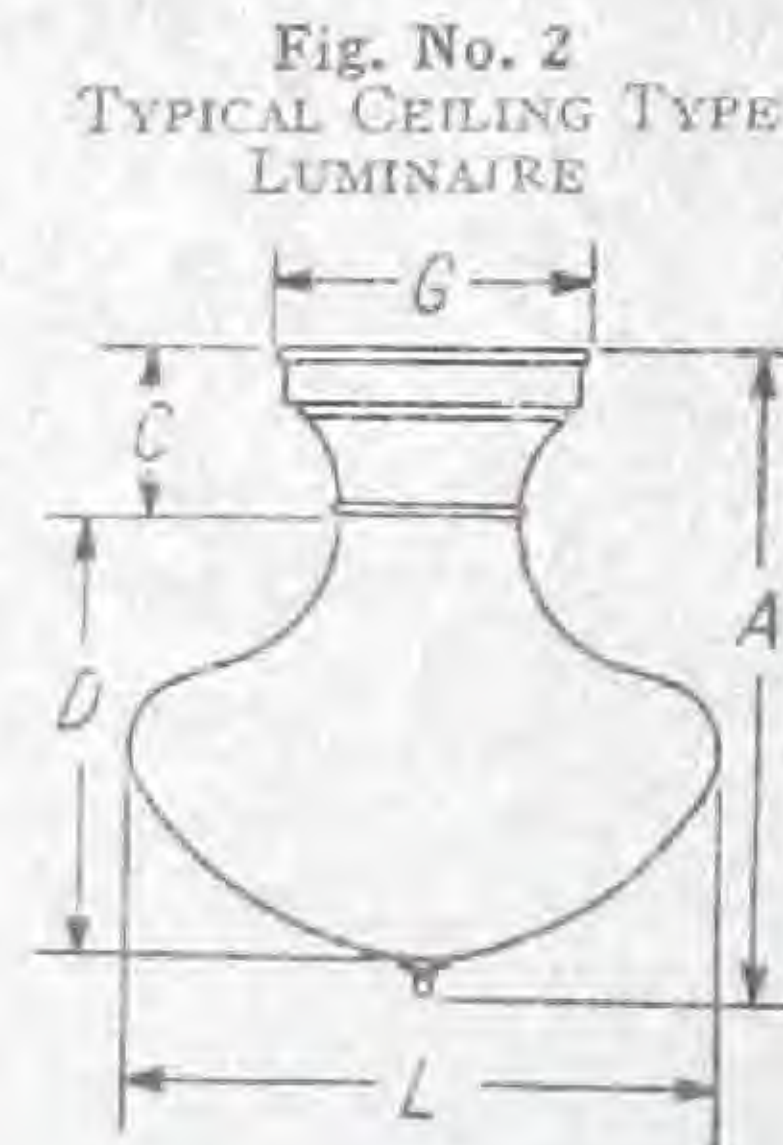


Fig. No. 2
TYPICAL CEILING TYPE
LUMINAIRE

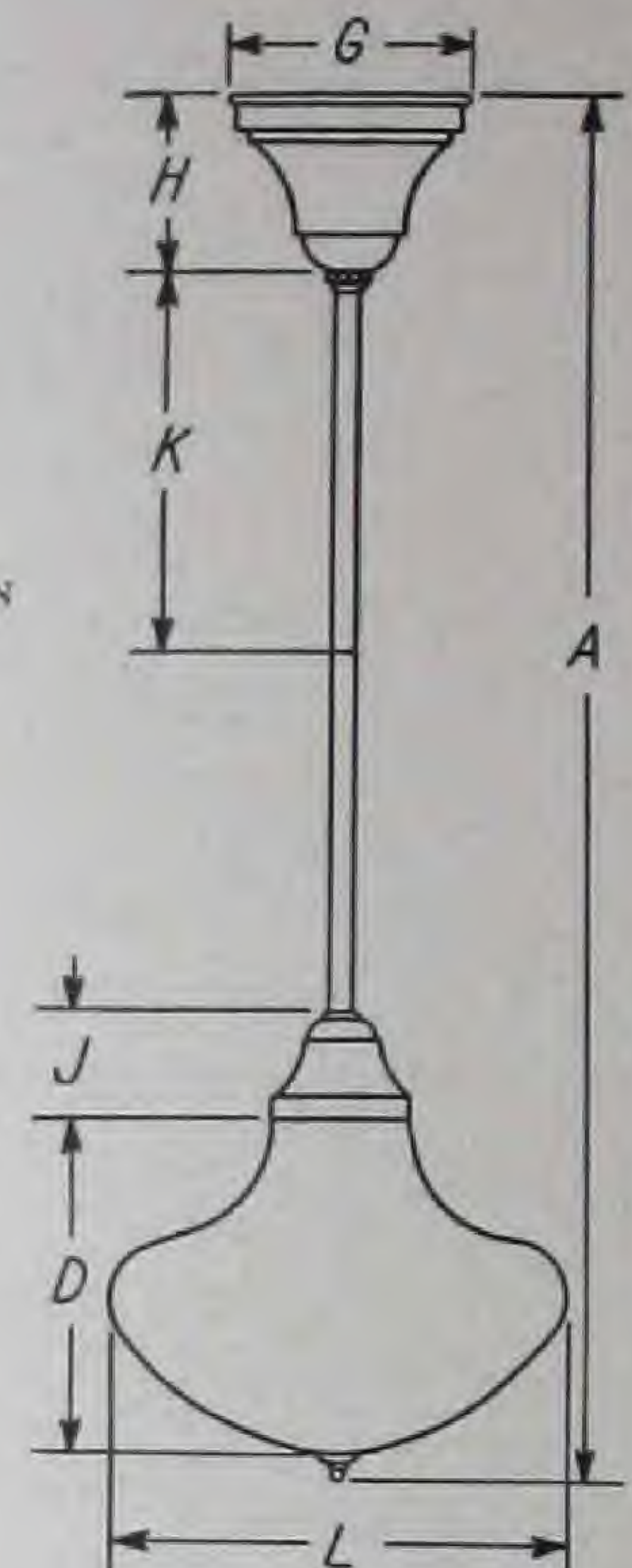


Fig. No. 3
TYPICAL SEMI-RIGID SUSPENSION
TYPE LUMINAIRE

DIMENSIONS IN INCHES OF LUMINAIRES

SOLLUX LUMINAIRES WITH PLAIN HANGERS (PAGES 2 AND 3)

CHAIN SUSPENSION TYPE (FIG. NO. 1)								CEILING TYPE (FIG. NO. 2)						SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)							
For Lamp Size Watts	A	D	G	H	J	K	L	For Lamp Size Watts	A	C	D	G	L	For Lamp Size Watts	A	D	G	H	J	K	L
75-100	32½	7¾	5¾	4½	3¾	1¾	10	75-100	11½	2⅞	7¾	6	10	75-100	32½	7¾	5¾	2⅞	2½	9	10
150	34	9¼	5¾	4½	3¾	1¾	12	150	12½	2⅞	9¼	6	12	150	34	9¼	5¾	2⅞	2½	9	12
200	35¼	10½	5¾	4½	3¾	1¾	14	200	14½	2⅞	10½	6	14	200	35¼	10½	5¾	2⅞	2½	9	14
300	37½	12¼	5¾	4½	4¾	1¾	16	300	15½	2⅞	12¼	6	16	300	37	12¼	5¾	2⅞	3¼	9	16
500	38¾	13½	5¾	4½	4¾	1¾	18	500	17½	2⅞	13½	6	18	500	38¼	13½	5¾	2⅞	3¼	9	18

SOLLUX LUMINAIRES WITH PANELED HANGERS (PAGES 4 AND 5)

CHAIN SUSPENSION TYPE (FIG. NO. 1)								CEILING TYPE (FIG. NO. 2)					SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)								
For Lamp Size Watts	A	D	G	H	J	K	L	For Lamp Size Watts	A	C	D	G	L	For Lamp Size Watts	A	D	G	H	J	K	L
75-100	32½	7¾	5¾	4½	3¾	1¾	10	75-100	11½	3	7¾	6	10	75-100	32½	7¾	5¾	2⅞	2½	9	10
150	34	9¼	5¾	4½	3¾	1¾	12	150	13	3	9¼	6	12	150	34	9¼	5¾	2⅞	2½	9	12
200	35¼	10½	5¾	4½	3¾	1¾	14	200	14½	3	10½	6	14	200	35¼	10½	5¾	2⅞	2½	9	14
300	37¾	12¼	5¾	4½	4¾	1¾	16	300	16	3	12¼	6	16	300	37	12¼	5¾	2⅞	3¼	9	16
500	39	13½	5¾	4½	4¾	1¾	18	500	17¼	3	13½	6	18	500	38¼	13½	5¾	2⅞	3¼	9	18

SOLLUX LUMINAIRES WITH ORNAMENTAL HANGERS (PAGES 6 AND 7)

CHAIN SUSPENSION TYPE (FIG. NO. 1)								CEILING TYPE (FIG. NO. 2)					
For Lamp Size Watts	A	D	G	H	J	K	L	For Lamp Size Watts	A	C	D	G	L
75-100	53 1/8	7 3/4	6 7/8	9 1/4	6 3/4	2	10	75-100	15 3/4	4	7 3/4	13 1/2	10
150	55 1/8	9 1/4	6 7/8	9 1/4	6 7/8	2	12	150	17 1/4	4	9 1/4	13 1/2	12
200	56 3/8	10 1/2	6 7/8	9 3/4	6 7/8	2	14	200	18 1/2	4	10 1/2	13 1/2	14
300	59 1/8	12 1/4	6 7/8	9 3/4	7 5/8	2	16	300	20 1/4	4	12 1/4	13 1/2	16
500	60 3/8	13 1/2	6 7/8	9 3/4	7 5/8	2	18	500	21 1/2	4	13 1/2	13 1/2	18

LUNALUX LUMINAIRES WITH PANELED HANGERS (PAGES 10 AND 11)

CHAIN SUSPENSION TYPE (FIG. NO. 1)								CEILING TYPE (FIG. NO. 2)					SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)								
For Lamp Size Watts	A	D	G	H	J	K	L	For Lamp Size Watts	A	C	D	G	L	For Lamp Size Watts	A	D	G	H	J	K	L
75-100	32½	7¾	5¾	4½	5	1¾	10	75-100	11½	4¼	7¾	6	10	75-100	32½	7¾	5¾	2⅞	2½	9	10
150	34	9¼	5¾	4½	5	1¾	12	150	13	4¼	9¼	6	12	150	34	9¼	5¾	2⅞	2½	9	12
200	35¼	10½	5¾	4½	5	1¾	14	200	14¼	4¼	10½	6	14	200	35¼	10½	5¾	2⅞	2½	9	14
300	37	11¼	5¾	4½	5¾	1¾	16	300	16	4	11¼	6	16	300	37	11¼	5¾	2⅞	3¼	9	16
500	38½	12½	5¾	4½	5¾	1¾	18	500	17¼	4	12½	6	18	500	38½	12½	5¾	2⅞	3¼	9	18

LOUVERIUX LUMINAIRES

LOUVERLUX LUMINAIRES WITH MODERNISTIC HANGERS (PAGES 14 AND 15)

CHAIN SUSPENSION TYPE (FIG. NO. 1)								CEILING TYPE (FIG. NO. 2)					SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)								
For Lamp Size Watts	A	D	G	H	J	K	L	For Lamp Size Watts	A	C	D	G	L	For Lamp Size Watts	A	D	G	H	J	K	L
200	45	9¼	5¾	6½	5¾	---	20½	200	23	8¼	9¼	5¾	20½	200	45	9¼	5¾	4¾	3½	9	20½
300	46½	11¼	5¾	6½	5¾	---	22½	300	24½	8½	11¼	5¾	22½	300	46½	11¼	5¾	4¾	3¾	9	22½
500	47½	12½	5¾	6½	5¾	---	24½	500	25½	8½	12½	5¾	24½	500	47½	12½	5¾	4¾	3¾	9	24½

NOTE—Overall (A) dimension includes...

NOTE—Overall (A) dimension includes cap ornament or tassel if furnished with fixture. Dimensions are for reference only. For official dimensions apply to nearest office.

SOLLAIRE LUNAIRE . . . SOLLITE LUMINAIRES



MERCHANDISE SELLS BEST WHEN IT IS DISPLAYED IN PROPER LIGHT

Comfortable, energy-saving conditions are possible only in homes and places of business where eye conservation has been achieved through adequate lighting facilities.

It has been conclusively proved that the installation of proper lighting facilities is an investment that pays big dividends in eye comfort, in human welfare and increased production and efficiency.

Every home, every office, every store and every factory should take immediate steps toward correcting existing lighting with the installation of approved, modern illumination in accordance with the newly established standards for adequate lighting intensities.

Proper lighting in the home is essential to relaxation and recreation . . . in the office, it stimulates efficiency, reduces errors, maintains morale . . . in the store, it creates an inviting and pleasant atmosphere.

Westinghouse has perfected the Light Meter to accurately check lighting conditions in any location. Westinghouse has also perfected lighting equipment that provides proper illumination in accordance with the new standards of adequate lighting intensities.

Westinghouse luminaires provide efficient, economical and attractive illumination for every lighting application.

SOLLAIRE LUMINAIRES

WITH PLAIN SAFETY HANGERS—AMERICAN BRONZE FINISH



SEMI-RIGID SUSPENSION
SAFETY HANGER



PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PLAIN SEMI-RIGID HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784163
75-100	31 $\frac{1}{8}$	10 x 4	7 $\frac{1}{8}$	784164
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784165
150-200	34	14 x 5	10	784166
150-200	34	14 x 6	10	784253
300	35 $\frac{3}{8}$	16 x 6	11 $\frac{3}{8}$	784167
300-500	36	18 x 6	12	784168
750-1000	37 $\frac{1}{2}$	20 x 8	13 $\frac{1}{2}$	784169

PLAIN SEMI-RIGID HANGER WITH DECORATED GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784170
75-100	31 $\frac{1}{8}$	10 x 4	7 $\frac{1}{8}$	784171
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784172
150-200	34	14 x 5	10	784173
300	35 $\frac{3}{8}$	14 x 6	10	784257
300-500	36	16 x 6	11 $\frac{3}{8}$	784174
750-1000	37 $\frac{1}{2}$	18 x 6	12	784175
		20 x 8	13 $\frac{1}{2}$	784176

SOLLAIRE LUMINAIRES

WITH PLAIN SAFETY HANGERS—AMERICAN BRONZE FINISH—Continued

The Sollaire globe contour utilizes the highest percentage of the light generated and the diffusing quality of the glass eliminates glare. The decorated globe is regularly furnished with a light tan etched decoration which leaves the surface of the globe unmarred except for a slight roughness where the design is applied. Decorated or plain globes can be furnished drilled with a 1/4-inch hole in the bottom. A suitable tassel is supplied with the drilled globes.

In addition to the sizes listed below, 9-inch globes with 4-inch fitters and 12-inch globes with 6-inch fitters can be obtained on special order. The 9 x 4 inch Plain Globe is Style No. 340324 and the Decorated Globe is Style No. 340330. The 12 x 6 inch Plain Globe is Style No. 340325 and the 12 x 6 inch Decorated Globe is Style No. 340331.

In the chain and semi-rigid suspension hangers the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the holder to facilitate installation. A knockout in the canopy permits the use of a canopy switch, if desired.

The globe is supported on these hangers by two heavy steel cadmium plated prongs. On the chain and semi-rigid types the globe is locked in place by a knurled ring. On the ceiling hanger the globe is locked by turning the bottom half of the hanger counter clockwise.

All chain and semi-rigid hangers are equipped with 3/8-inch malleable iron hickies and running thread nipples of sufficient length to permit attachment to studs in the standard 1 1/2-inch deep outlet boxes installed flush with the ceiling.

These hangers are wired with No. 16 stranded copper heat resisting fixture wire, approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The standard finish of the Sollaire Plain Hangers is American Bronze but these hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

Chain hangers are supplied with 9 links of Style No. 349951 chain, 7 links per foot. Semi-rigid hangers are furnished with two section stems and may be lengthened by means of three-inch sections Style No. 784000, six-inch sections Style No. 784041 or nine-inch sections Style No. 344469.



CEILING TYPE SAFETY HANGER



CHAIN SUSPENSION SAFETY HANGER



PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PLAIN CEILING HANGER WITH PLAIN GLOBE				

50-60	10 1/2	8 x 4	5 5/8	784121
75-100	12	10 x 4	7 1/8	784122
150	13 3/8	12 x 4	8 1/2	784123
150-200	14 7/8	14 x 5	10	784124
150-200	14 7/8	14 x 6	10	784247
300	16 1/4	16 x 6	11 3/8	784125
300-500	16 7/8	18 x 6	12	784126
750-1000	19 5/8	20 x 8	13 1/2	784127

PLAIN CEILING HANGER WITH DECORATED GLOBE

50-60	10 1/2	8 x 4	5 5/8	784128
75-100	12	10 x 4	7 1/8	784129
150	13 3/8	12 x 4	8 1/2	784130
150-200	14 7/8	14 x 5	10	784131
150-200	14 7/8	14 x 6	10	784248
300	16 1/4	16 x 6	11 3/8	784132
300-500	16 7/8	18 x 6	12	784133
750-1000	19 5/8	20 x 8	13 1/2	784134

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PLAIN CHAIN HANGER WITH PLAIN GLOBE				

50-60	29 5/8	8 x 4	5 5/8	784142
75-100	31 1/8	10 x 4	7 1/8	784143
150	32 1/2	12 x 4	8 1/2	784144
150-200	34	14 x 5	10	784145
150-200	34 5/8	14 x 6	10	784250
300	36	16 x 6	11 3/8	784146
300-500	36 5/8	18 x 6	12	784147
750-1000	39 1/4	20 x 8	13 1/2	784148

PLAIN CHAIN HANGER WITH DECORATED GLOBE

50-60	29 5/8	8 x 4	5 5/8	784149
75-100	31 1/8	10 x 4	7 1/8	784150
150	32 1/2	12 x 4	8 1/2	784151
150-200	34	14 x 5	10	784152
150-200	34 5/8	14 x 6	10	784251
300	36	16 x 6	11 3/8	784153
300-500	36 5/8	18 x 6	12	784154
750-1000	39 1/4	20 x 8	13 1/2	784155

SOLLAIRE LUMINAIRES

WITH PANELED BRONZE SAFETY HANGERS—SATIN BRONZE FINISH

SEMI-RIGID SUSPENSION
SAFETY HANGER

PLAIN GLOBE



DECORATED GLOBE

Lamp Size in Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED SEMI-RIGID HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784343
75-100	31 $\frac{1}{8}$	10 x 4	7 $\frac{1}{8}$	784344
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784345
150-200	34	14 x 5	10	784346
300	35 $\frac{3}{8}$	14 x 6	10	784283
300-500	36	16 x 6	11 $\frac{3}{8}$	784347
750-1000	37 $\frac{1}{2}$	18 x 6	12	784348
		20 x 8	13 $\frac{1}{2}$	784349
PANELED SEMI-RIGID HANGER WITH DECORATED GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784350
75-100	31 $\frac{1}{8}$	10 x 4	7 $\frac{1}{8}$	784351
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784352
150-200	34	14 x 5	10	784353
300	35 $\frac{3}{8}$	14 x 6	10	784289
300-500	36	16 x 6	11 $\frac{3}{8}$	784354
750-1000	37 $\frac{1}{2}$	18 x 6	12	784355
		20 x 8	13 $\frac{1}{2}$	784356

SOLLAIRE LUMINAIRES

WITH PANELED BRONZE SAFETY HANGERS—SATIN BRONZE FINISH—Continued

The Sollaire globe contour utilizes the highest percentage of the light generated and the diffusing quality of the glass eliminates glare. The decorated globe is regularly furnished with a light tan etched decoration which leaves the surface of the globe unmarred except for a slight roughness where the design is applied. Decorated or plain globes can be furnished drilled with a $\frac{3}{8}$ -inch hole in the bottom. A suitable tassel is supplied with the drilled globes.

In addition to the sizes listed below, 9-inch globes with 4-inch fitters and 12-inch globes with 6-inch fitters can be obtained on special order. The 9 x 4 inch Plain Globe is Style No. 340324 and the Decorated Globe is Style No. 340330. The 12 x 6 inch Plain Globe is Style No. 340325 and the 12 x 6 inch Decorated Globe is Style No. 340331.

In the chain and semi-rigid suspension hangers the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the holder to facilitate installation. A knockout in the canopy permits the use of a canopy switch, if desired.

The globe is supported on these hangers by two heavy steel cadmium plated prongs. On the chain and semi-rigid types the globe is locked in place by a knurled ring. On the ceiling hanger the globe is locked by turning the bottom half of the hanger counter clockwise.

All chain and semi-rigid hangers are equipped with $\frac{3}{8}$ -inch malleable iron hickies and running thread nipples of sufficient length to permit attachment to studs in the standard $1\frac{1}{2}$ -inch deep outlet boxes installed flush with the ceiling.

These hangers are wired with No. 16 stranded copper heat resisting fixture wire, approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The standard finish of the Paneled Bronze Hangers is Satin Bronze. Since these hangers are made of commercial sheet bronze, this is the natural finish. These hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

Chain hangers are supplied with 9 links of Style No. 346563, 7 links per foot. Semi-rigid hangers are furnished with two section stems and may be lengthened by means of three-inch sections Style No. 339243, six-inch sections Style No. 339242 or nine-inch sections Style No. 349936.



CEILING TYPE SAFETY
HANGER



CHAIN SUSPENSION
SAFETY HANGER



PLAIN GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CEILING HANGER WITH PLAIN GLOBE				
50-60	10 $\frac{3}{4}$	8 x 4	5 $\frac{5}{8}$	784301
75-100	12 $\frac{1}{4}$	10 x 4	7 $\frac{1}{8}$	784302
150	13 $\frac{5}{8}$	12 x 4	8 $\frac{1}{2}$	784303
150-200	15 $\frac{1}{8}$	14 x 5	10	784304
150-200	15 $\frac{1}{8}$	14 x 6	10	784273
300	16 $\frac{1}{2}$	16 x 6	11 $\frac{3}{8}$	784305
300-500	17 $\frac{1}{8}$	18 x 6	12	784306
750-1000	19 $\frac{5}{8}$	20 x 8	13 $\frac{1}{2}$	784307



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CEILING HANGER WITH DECORATED GLOBE				
50-60	10 $\frac{3}{4}$	8 x 4	5 $\frac{5}{8}$	784308
75-100	12 $\frac{1}{4}$	10 x 4	7 $\frac{1}{8}$	784309
150	13 $\frac{5}{8}$	12 x 4	8 $\frac{1}{2}$	784310
150-200	15 $\frac{1}{8}$	14 x 5	10	784311
150-200	15 $\frac{1}{8}$	14 x 6	10	784277
300	16 $\frac{1}{2}$	16 x 6	11 $\frac{3}{8}$	784312
300-500	17 $\frac{1}{8}$	18 x 6	12	784313
750-1000	19 $\frac{5}{8}$	20 x 8	13 $\frac{1}{2}$	784314

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CHAIN HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784322
75-100	31 $\frac{1}{8}$	10 x 4	7 $\frac{1}{8}$	784323
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784324
150-200	34	14 x 5	10	784325
150-200	34 $\frac{5}{8}$	14 x 6	10	784280
300	36	16 x 6	11 $\frac{3}{8}$	784326
300-500	36 $\frac{5}{8}$	18 x 6	12	784327
750-1000	39 $\frac{1}{4}$	20 x 8	13 $\frac{1}{2}$	784328

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CHAIN HANGER WITH DECORATED GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784329
75-100	31 $\frac{1}{8}$	10 x 4	7 $\frac{1}{8}$	784330
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784331
150-200	34	14 x 5	10	784332
150-200	34 $\frac{5}{8}$	14 x 6	10	784281
300	36	16 x 6	11 $\frac{3}{8}$	784333
300-500	36 $\frac{5}{8}$	18 x 6	12	784334
750-1000	39 $\frac{1}{4}$	20 x 8	13 $\frac{1}{2}$	784335

SOLLAIRE LUMINAIRES

WITH ORNAMENTAL HANGERS—ANTIQUE GOLD FINISH



The Soltaire globe contour utilizes the highest percentage of the light generated and the diffusing quality of the glass eliminates glare. The decorated globe is regularly furnished with a light tan etched decoration which leaves the surface of the globe unmarred except for a slight roughness where the design is applied. Decorated globes can be furnished drilled with a $\frac{3}{8}$ -inch hole in the bottom. A suitable tassel is supplied with the drilled globes.

Soltaire Ornamental Hangers are furnished with a composition crown for the globe and composition ornamentation on the canopy



DECORATED GLOBE

and husks. The globe is held to the hanger by means of set screws so positioned that there is a tight closure between the globe and hanger making the unit reasonably dust-proof.

The canopy is mounted on a reeded stem of sufficient length to allow room for wiring connections. The chain suspension hanger is equipped with a $\frac{3}{8}$ -inch malleable iron hickey and running thread nipple of sufficient length to permit attachment to stud in $1\frac{1}{2}$ -inch deep outlet boxes installed flush with the ceiling.

These hangers are wired with No. 16 stranded copper heat resisting fixture wire, approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The standard finish of the Soltaire Ornamental Hangers is Antique Gold but these hangers can be furnished with many special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

SOLLAIRE SUSPENSION
ORNAMENTAL HANGER
WITH GLOBE CROWN
AND TASSEL



For Lamp
Size Watts

Overall
Length

Size GLOBE Width

Complete Unit
Style No.
Wired

ORNAMENTAL CHAIN HANGER WITH DECORATED GLOBE

For Lamp Size Watts	Overall Length	Size	GLOBE Width	Complete Unit Style No. Wired
150-200	56 $\frac{1}{8}$	14 x 5	10	343943
150-200	56 $\frac{1}{8}$	14 x 6	10	784432
300	57 $\frac{1}{2}$	16 x 6	11 $\frac{3}{8}$	343944
300-500	58 $\frac{1}{8}$	18 x 6	12	343945
750-1000	59 $\frac{5}{8}$	20 x 8	13 $\frac{1}{2}$	343946

SOLLAIRE LUMINAIRES

WITH ORNAMENTAL HANGERS—ANTIQUE GOLD FINISH—Continued

Chain hangers are supplied with 13-links of Style No. 349517 chain, 6 links per foot. In the bracket type with crown the overall extension with the 8-inch globe is 17 inches, 10-inch globe, 8 inches, 12-inch globe, 19 inches and 14-inch globe, 20 inches. Without the crown the overall extension with the 8-inch globe is 15½ inches, 10-inch globe, 16½ inches, 12-inch globe, 17½ inches and 14-inch globe, 18½ inches. In the Bracket type the bottom of the tassel is 11¼, 12¾ or 14 inches below the center of the canopy depending on the globe size.



WALL BRACKET TYPE ORNAMENTAL
HANGER WITH GLOBE CROWN
AND TASSEL



DECORATED GLOBE

For Lamp Size Watts	Overall Length	Size	GLOBE Width	Complete Unit Style No. Wired
ORNAMENTAL BRACKET WITH DECORATED GLOBE AND CROWN				
50-60	18	8 x 4	5½	343954
75-100	19¼	10 x 4	7½	343956
150	20¾	12 x 4	8½	343958
150-200	22	14 x 5	10	343960

ORNAMENTAL BRACKET WITH DECORATED GLOBE WITHOUT CROWN

For Lamp Size Watts	Overall Length	Size	GLOBE Width	Complete Unit Style No. Wired
50-60	18	8 x 4	5½	343955
75-100	19¼	10 x 4	7½	343957
150	20¾	12 x 4	8½	343959
150-200	22	14 x 5	10	343961



CEILING TYPE ORNAMENTAL HANGER
WITH GLOBE CROWN AND TASSEL



DECORATED GLOBE

For Lamp Size Watts	Overall Length	Size	GLOBE Width	Complete Unit Style No. Wired
ORNAMENTAL CEILING HANGER WITH DECORATED GLOBE				
150-200	18	14 x 5	10	343950
150-200	18	14 x 6	10	784431
300	19¾	16 x 6	11½	343951
300-500	20	18 x 6	12	343952
750-1000	21½	20 x 8	13½	343953

LUNAIRE LUMINAIRES

WITH PLAIN SAFETY HANGERS—AMERICAN BRONZE FINISH
FOR SEMI-INDIRECT LIGHTING



SEMI-RIGID SUSPENSION
SAFETY HANGER



PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PLAIN SEMI-RIGID HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{5}{8}$	788638
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788639
150	32 $\frac{1}{8}$	12 x 4	8 $\frac{1}{8}$	788640
150-200	33 $\frac{1}{8}$	14 x 5	9 $\frac{5}{8}$	788641
150-200	34 $\frac{1}{8}$	14 x 6	9 $\frac{5}{8}$	788642
300	35	16 x 6	11	788643
300-500	35 $\frac{5}{8}$	18 x 6	11 $\frac{5}{8}$	788644
750-1000	37 $\frac{1}{8}$	20 x 8	13 $\frac{1}{8}$	788645

PLAIN SEMI-RIGID HANGER WITH DECORATED GLOBE

For Lamp Size Watts	Overall Length	Size	Depth	Complete Unit Style No. Wired
50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{5}{8}$	788646
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788647
150	32 $\frac{1}{8}$	12 x 4	8 $\frac{1}{8}$	788648
150-200	33 $\frac{1}{8}$	14 x 5	9 $\frac{5}{8}$	788649
150-200	34 $\frac{1}{8}$	14 x 6	9 $\frac{5}{8}$	788650
300	35	16 x 6	11	788651
300-500	35 $\frac{5}{8}$	18 x 6	11 $\frac{5}{8}$	788652
750-1000	37 $\frac{1}{8}$	20 x 8	13 $\frac{1}{8}$	788653

LUNAIRE LUMINAIRES

WITH PLAIN SAFETY HANGERS—AMERICAN BRONZE FINISH FOR SEMI-INDIRECT LIGHTING—Continued

The Semi-Indirect Lunaire globe is similar to the Sollaire in appearance except that the top has been redesigned to make it as efficient as possible. The homogeneous glass creates a white reflecting surface on the inside of the lower part of the globe while the upper part is of light density having high transmission qualities with slight diffusion. The decorated globe is regularly furnished with a light tan etched decoration which leaves the surface of the globe unmarred except for a slight roughness where the design is applied. Decorated or Plain Globes can be furnished drilled with a $\frac{3}{8}$ -inch hole in the bottom. A suitable tassel is supplied with the drilled globes.

In the chain and semi-rigid suspension hangers the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the holder to facilitate installation. A knockout in the canopy permits the use of a canopy switch, if desired.

The globe is supported on these hangers by two heavy steel cadmium plated prongs. On the chain and semi-rigid types the globe is locked in place by a knurled ring. On the ceiling hanger the globe is locked by turning the bottom half of the hanger counter clockwise.

All chain and semi-rigid hangers are equipped with $\frac{3}{8}$ -inch malleable iron hickey and running thread nipples of sufficient length to permit attachment to studs in the standard $1\frac{1}{2}$ -inch deep outlet boxes installed flush with the ceiling.

These hangers are wired with No. 16 stranded copper heat resisting fixture wire, approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The standard finish of the Lunaire Plain Hangers is American Bronze but these hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

Chain hangers are supplied with 9 links of Style No. 349951 chain, 7 links per foot. Semi-rigid hangers are furnished with two section stems and may be lengthened by means of three-inch sections Style No. 784000, six-inch sections Style No. 784041 or nine-inch sections Style No. 344469.



CEILING TYPE SAFETY
HANGER



CHAIN SUSPENSION
SAFETY HANGER



PLAIN GLOBE

For Lamp Size Watts	Overall Length	GLOBE Size	Depth	Complete Unit Style No. Wired
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PLAIN CEILING HANGER WITH PLAIN GLOBE

50-60	10 $\frac{1}{2}$	8 x 4	5 $\frac{5}{8}$	788662
75-100	11 $\frac{5}{8}$	10 x 4	6 $\frac{3}{4}$	788663
150	13	12 x 4	8 $\frac{1}{8}$	788664
150-200	14 $\frac{1}{2}$	14 x 5	9 $\frac{5}{8}$	788665
150-200	14 $\frac{1}{2}$	14 x 6	9 $\frac{5}{8}$	788666
300	15 $\frac{7}{8}$	16 x 6	11	788667
300-500	16 $\frac{1}{2}$	18 x 6	11 $\frac{5}{8}$	788668
750-1000	19 $\frac{1}{4}$	20 x 8	13 $\frac{1}{8}$	788669



DECORATED GLOBE

PLAIN CEILING HANGER WITH DECORATED GLOBE

50-60	10 $\frac{1}{2}$	8 x 4	5 $\frac{5}{8}$	788670
75-100	11 $\frac{5}{8}$	10 x 4	6 $\frac{3}{4}$	788671
150	13	12 x 4	8 $\frac{1}{8}$	788672
150-200	14 $\frac{1}{2}$	14 x 5	9 $\frac{5}{8}$	788673
150-200	14 $\frac{1}{2}$	14 x 6	9 $\frac{5}{8}$	788674
300	15 $\frac{7}{8}$	16 x 6	11	788675
300-500	16 $\frac{1}{2}$	18 x 6	11 $\frac{5}{8}$	788705
750-1000	19 $\frac{1}{4}$	20 x 8	13 $\frac{1}{8}$	788706

For Lamp Size Watts	Overall Length	GLOBE Size	Depth	Complete Unit Style No. Wired
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PLAIN CHAIN HANGER WITH PLAIN GLOBE

50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	788715
75-100	30 $\frac{3}{4}$	10 x 4	6 $\frac{3}{4}$	788716
150	32 $\frac{1}{8}$	12 x 4	8 $\frac{1}{8}$	788717
150-200	33 $\frac{5}{8}$	14 x 5	9 $\frac{5}{8}$	788718
150-200	34 $\frac{1}{4}$	14 x 6	9 $\frac{5}{8}$	788719
300	35 $\frac{5}{8}$	16 x 6	11	788720
300-500	36 $\frac{1}{4}$	18 x 6	11 $\frac{5}{8}$	788721
750-1000	38 $\frac{7}{8}$	20 x 8	13 $\frac{1}{8}$	788722

PLAIN CHAIN HANGER WITH DECORATED GLOBE

50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	788723
75-100	30 $\frac{3}{4}$	10 x 4	6 $\frac{3}{4}$	788724
150	32 $\frac{1}{8}$	12 x 4	8 $\frac{1}{8}$	788725
150-200	33 $\frac{5}{8}$	14 x 5	9 $\frac{5}{8}$	788726
150-200	34 $\frac{1}{4}$	14 x 6	9 $\frac{5}{8}$	788727
300	35 $\frac{5}{8}$	16 x 6	11	788728
300-500	36 $\frac{1}{4}$	18 x 6	11 $\frac{5}{8}$	788729
750-1000	38 $\frac{7}{8}$	20 x 8	13 $\frac{1}{8}$	788730

LUNAIRE LUMINAIRES

WITH PANELED SAFETY BRONZE HANGERS—SATIN BRONZE FINISH
FOR INDIRECT LIGHTING



SEMI-RIGID SUSPENSION
SAFETY HANGER



PLAIN GLOBE



DECORATED GLOBE

For Lamp
Size Watts

Overall
Length

GLOBE
Size Depth

Complete Unit
Style No.
Wired

PANELED SEMI-RIGID HANGER WITH PLAIN GLOBE

50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784583
75-100	30 $\frac{3}{4}$	10 x 4	6 $\frac{3}{4}$	784584
150	32 $\frac{1}{8}$	12 x 4	8 $\frac{1}{8}$	784585
150-200	33 $\frac{5}{8}$	14 x 5	9 $\frac{5}{8}$	784586
150-200	34 $\frac{1}{8}$	14 x 6	9 $\frac{5}{8}$	784451
300	35	16 x 6	11	784587
300-500	35 $\frac{5}{8}$	18 x 6	11 $\frac{5}{8}$	784588
750-1000	37 $\frac{1}{8}$	20 x 8	13 $\frac{1}{8}$	784589

PANELED SEMI-RIGID HANGER WITH DECORATED GLOBE

50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784590
75-100	30 $\frac{3}{4}$	10 x 4	6 $\frac{3}{4}$	784591
150	32 $\frac{1}{8}$	12 x 4	8 $\frac{1}{8}$	784592
150-200	33 $\frac{5}{8}$	14 x 5	9 $\frac{5}{8}$	784593
150-200	34 $\frac{1}{8}$	14 x 6	9 $\frac{5}{8}$	784452
300	35	16 x 6	11	784594
300-500	35 $\frac{5}{8}$	18 x 6	11 $\frac{5}{8}$	784595
750-1000	37 $\frac{1}{8}$	20 x 8	13 $\frac{1}{8}$	784596

LUNAIRE LUMINAIRES

WITH paneled bronze safety hangers—SATIN BRONZE FINISH FOR SEMI-INDIRECT LIGHTING—Continued

The Semi-Indirect Lunaire globe is similar to the Sollaire in appearance except that the top has been redesigned to make it as efficient as possible. The homogeneous glass creates a white reflecting surface on the inside of the lower part of the globe while the upper part is of light density having high transmission qualities with slight diffusion. The decorated globe is regularly furnished with a light tan etched decoration which leaves the surface of the globe unmarred except for a slight roughness where the design is applied. Decorated or Plain Globes can be furnished drilled with a $\frac{3}{8}$ -inch hole in the bottom. A suitable tassel is supplied with the drilled globes.

In the chain and semi-rigid suspension hangers the canopy is held in place by a knurled ring which, when unscrewed, allows the canopy to slip down to the holder to facilitate installation. A knockout in the canopy permits the use of a canopy switch, if desired.

The globe is supported on these hangers by two heavy steel cadmium plated prongs. On the chain and semi-rigid types the globe is locked in place by a knurled ring. On the ceiling hanger the globe is locked by turning the bottom half of the hanger counter clockwise.

All chain and semi-rigid hangers are equipped with $\frac{3}{8}$ -inch malleable iron hickies and running thread nipples of sufficient length to permit attachment to studs in the standard $1\frac{1}{2}$ -inch deep outlet boxes installed flush with the ceiling.

These hangers are wired with No. 16 stranded copper heat resisting fixture wire, approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The standard finish of the Paneled Bronze Hangers is Satin Bronze. Since these hangers are made of commercial sheet bronze, this is the natural finish. These hangers can be furnished with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

Chain hangers are supplied with 9 links of Style No. 346563, 7 links per foot. Semi-rigid hangers are furnished with two section stems and may be lengthened by means of three-inch sections Style No. 339243, six-inch sections Style No. 339242 or nine-inch sections Style No. 349936.



CEILING TYPE SAFETY
HANGER



PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CEILING HANGER WITH PLAIN GLOBE				
50-60	10 $\frac{3}{4}$	8 x 4	5 $\frac{5}{8}$	784541
75-100	11 $\frac{7}{8}$	10 x 4	6 $\frac{3}{4}$	784542
150	13 $\frac{1}{4}$	12 x 4	8 $\frac{1}{2}$	784543
150-200	14 $\frac{3}{4}$	14 x 5	9 $\frac{5}{8}$	784544
150-200	14 $\frac{3}{4}$	14 x 6	9 $\frac{5}{8}$	784440
300	16 $\frac{1}{8}$	16 x 6	11	784545
300-500	16 $\frac{3}{4}$	18 x 6	11 $\frac{5}{8}$	784546
750-1000	19 $\frac{1}{4}$	20 x 8	13 $\frac{1}{2}$	784547

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CEILING HANGER WITH DECORATED GLOBE				
50-60	10 $\frac{3}{4}$	8 x 4	5 $\frac{5}{8}$	784548
75-100	11 $\frac{7}{8}$	10 x 4	6 $\frac{3}{4}$	784549
150	13 $\frac{1}{4}$	12 x 4	8 $\frac{1}{2}$	784550
150-200	14 $\frac{3}{4}$	14 x 5	9 $\frac{5}{8}$	784551
150-200	14 $\frac{3}{4}$	14 x 6	9 $\frac{5}{8}$	784441
300	16 $\frac{1}{8}$	16 x 6	11	784552
300-500	16 $\frac{3}{4}$	18 x 6	11 $\frac{5}{8}$	784553
750-1000	19 $\frac{1}{4}$	20 x 8	13 $\frac{1}{2}$	784554



CHAIN SUSPENSION
SAFETY HANGER

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CHAIN HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784562
75-100	30 $\frac{3}{4}$	10 x 4	6 $\frac{3}{4}$	784563
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784564
150-200	33 $\frac{1}{2}$	14 x 5	9 $\frac{5}{8}$	784565
150-200	34 $\frac{1}{4}$	14 x 6	9 $\frac{5}{8}$	784443
300	35 $\frac{1}{2}$	16 x 6	11	784566
300-500	36 $\frac{1}{4}$	18 x 6	11 $\frac{5}{8}$	784567
750-1000	38 $\frac{1}{2}$	20 x 8	13 $\frac{1}{2}$	784568

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
PANELED CHAIN HANGER WITH DECORATED GLOBE				
50-60	29 $\frac{5}{8}$	8 x 4	5 $\frac{5}{8}$	784569
75-100	30 $\frac{3}{4}$	10 x 4	6 $\frac{3}{4}$	784570
150	32 $\frac{1}{2}$	12 x 4	8 $\frac{1}{2}$	784571
150-200	33 $\frac{1}{2}$	14 x 5	9 $\frac{5}{8}$	784572
150-200	34 $\frac{1}{4}$	14 x 6	9 $\frac{5}{8}$	784449
300	35 $\frac{1}{2}$	16 x 6	11	784573
300-500	36 $\frac{1}{4}$	18 x 6	11 $\frac{5}{8}$	784574
750-1000	38 $\frac{1}{2}$	20 x 8	13 $\frac{1}{2}$	784575

LUNAIRE JUNIOR LUMINAIRES

WITH PLAIN HANGERS—POLISHED CHROMIUM OR AMERICAN BRONZE FINISH



Lunaire Junior hangers are furnished only in the semi-rigid suspension type and are designed for use with 4, 5, 6 and 8-inch standard fitter globes. These hangers are listed with the Sollaire and Lunaire, Plain and Decorated globes.

The hangers are made of heavy gauge brass, and are furnished only in the semi-rigid type.

The special bridge may be attached to the ears of 3-inch or 4-inch standard outlet boxes or to protruding $\frac{3}{8}$ -inch studs. The canopy is fastened to this bridge by two screws which, when released, allow the hanger to be lowered from the ceiling the length of the lead-in wires, providing ample room for installation and making it easy to complete connections without soiling the luminaire or ceiling.

Extra-heavy steel, safety-type globe supports are supplied in the holders. The construction is such that the holder, when released by a knurled ring, slides up the stem for relamping, wiring, etc.

Two standard finishes are listed; the polished chromium harmonizes with almost any decorative scheme and the slender stem fades into the back-

ground giving the effect of a light source floating in air. The hangers are also furnished in American Bronze when a dark finish is desired. These hangers can be supplied with special finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

All Lunaire Junior semi-rigid suspension hangers are 24-inches long but lengths other than standard can be supplied on special order at an increase in price.

These hangers are wired with #16 stranded copper heat-resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

All canopies are supplied standard with a knock-out for canopy switch.

Lunaire Junior hangers when used with Sollaire or Lunaire globes provide a tight closure between the globe and holder making the unit reasonably dust-proof. Any other standard fitter globes may be used with these hangers if desired.

LUNAIRE JUNIOR LUMINAIRES

WITH PLAIN HANGERS
—CHROMIUM OR AMERICAN
BRONZE FINISH—Continued



SEMI-RIGID SUSPENSION HANGER
AMERICAN BRONZE FINISH



SEMI-RIGID SUSPENSION HANGER
CHROMIUM FINISH



SOLLAÏRE
PLAIN GLOBE



SOLLAÏRE
DECORATED GLOBE



LUNAIRE
PLAIN GLOBE



LUNAIRE
DECORATED GLOBE

For Lamp Size Watts	AMERICAN BRONZE			Complete Unit Style No. Wired
	Overall Length	GLOBE Size	Depth	

SEMI-RIGID HANGER WITH PLAIN SOLLAÏRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788764
75-100	31 1/4	10 x 4	7 1/4	788765
150	32 1/2	12 x 4	8 1/4	788766
150-200	34	14 x 5	10	788767
150-200	34	14 x 6	10	788768
300	35 1/4	16 x 6	11 1/4	788769
300-500	36	18 x 6	12	788770
750-1000	37 1/2	20 x 8	13 1/4	788771

SEMI-RIGID HANGER WITH DECORATED SOLLAÏRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788772
75-100	31 1/4	10 x 4	7 1/4	788773
150	32 1/2	12 x 4	8 1/4	788774
150-200	34	14 x 5	10	788775
150-200	34	14 x 6	10	788776
300	35 1/4	16 x 6	11 1/4	788777
300-500	36	18 x 6	12	788778
750-1000	37 1/2	20 x 8	13 1/4	788779

SEMI-RIGID HANGER WITH PLAIN LUNAIRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788780
75-100	30 3/4	10 x 4	6 3/4	788781
150	32 1/4	12 x 4	8 1/4	788782
150-200	33 1/4	14 x 5	9 1/4	788783
150-200	34 1/4	14 x 6	9 1/4	788797
300	35	16 x 6	11	788798
300-500	35 1/4	18 x 6	11 1/4	788799
750-1000	37 1/4	20 x 8	13 1/4	788800

SEMI-RIGID HANGER WITH DECORATED LUNAIRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788801
75-100	30 3/4	10 x 4	6 3/4	788802
150	32 1/4	12 x 4	8 1/4	788803
150-200	33 1/4	14 x 5	9 1/4	788804
150-200	34 1/4	14 x 6	9 1/4	788805
300	35	16 x 6	11	788806
300-500	35 1/4	18 x 6	11 1/4	788807
750-1000	37 1/4	20 x 8	13 1/4	788808

For Lamp Size Watts	CHROMIUM			Complete Unit Style No. Wired
	Overall Length	GLOBE Size	Depth	

SEMI-RIGID HANGER WITH PLAIN SOLLAÏRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788809
75-100	31 1/4	10 x 4	7 1/4	788810
150	32 1/2	12 x 4	8 1/4	788811
150-200	34	14 x 5	10	788812
150-200	34	14 x 6	10	788829
300	35 1/4	16 x 6	11 1/4	788830
300-500	36	18 x 6	12	788831
750-1000	37 1/4	20 x 8	13 1/4	788832

SEMI-RIGID HANGER WITH DECORATED SOLLAÏRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788833
75-100	31 1/4	10 x 4	7 1/4	788834
150	32 1/2	12 x 4	8 1/4	788835
150-200	34	14 x 5	10	788836
150-200	34	14 x 6	10	788837
300	35 1/4	16 x 6	11 1/4	788838
300-500	36	18 x 6	12	788839
750-1000	37 1/4	20 x 8	13 1/4	788840

SEMI-RIGID HANGER WITH PLAIN LUNAIRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788841
75-100	30 3/4	10 x 4	6 3/4	788842
150	32 1/4	12 x 4	8 1/4	788843
150-200	33 1/4	14 x 5	9 1/4	788844
150-200	34 1/4	14 x 6	9 1/4	788845
300	35	16 x 6	11	788861
300-500	35 1/4	18 x 6	11 1/4	788862
750-1000	37 1/4	20 x 8	13 1/4	788863

SEMI-RIGID HANGER WITH DECORATED LUNAIRE GLOBE

50-60	29 1/4	8 x 4	5 1/4	788864
75-100	30 3/4	10 x 4	6 3/4	788865
150	32 1/4	12 x 4	8 1/4	788866
150-200	33 1/4	14 x 5	9 1/4	788867
150-200	34 1/4	14 x 6	9 1/4	788868
300	35	16 x 6	11	788869
300-500	35 1/4	18 x 6	11 1/4	788870
750-1000	37 1/4	20 x 8	13 1/4	788891

SOLLITE LUMINAIRES

WITH BRASS LOCK-TIGHT HANGERS—AMERICAN BRONZE FINISH



LOCK-TIGHT SEMI-RIGID
SUSPENSION TYPE HANGER
AMERICAN BRONZE
FINISH



PLAIN GLOBE



BANDED GLOBE

For Lamp
Size WattsOverall
Length

Size GLOBE Depth

Complete Unit
Style No.
Wired

BRASS LOCK-TIGHT SEMI-RIGID HANGER WITH PLAIN GLOBE

50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{3}{8}$	788892
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788893
150	31 $\frac{3}{8}$	12 x 4	7 $\frac{3}{8}$	788894
150-200	33	14 x 6	9	788895
300	34 $\frac{1}{4}$	16 x 6	10 $\frac{1}{4}$	788896
300-500	35 $\frac{1}{8}$	18 x 6	11 $\frac{1}{8}$	788897

BRASS LOCK-TIGHT SEMI-RIGID HANGER WITH BANDED GLOBE

50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{3}{8}$	788898
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788899
150	31 $\frac{3}{8}$	12 x 4	7 $\frac{3}{8}$	788900
150-200	33	14 x 6	9	788907
300	34 $\frac{1}{4}$	16 x 6	10 $\frac{1}{4}$	788908
300-500	35 $\frac{1}{8}$	18 x 6	11 $\frac{1}{8}$	788909

SOLLITE LUMINAIRES

WITH BRASS LOCK-TIGHT HANGERS—AMERICAN BRONZE FINISH

Sollite hangers are sturdily constructed of either heavy gauge brass or Armco full finished black plate as indicated in the listing.

The chain and semi-rigid suspension hangers are furnished with globe holders of the screw holder, locktight and prong types. Ceiling hangers are furnished with globe holders of the screw holder or locktight types.

The screw holder type is equipped with three set screws, the locktight type with a locking lever and two screwless spring clips and the two-prong type is equipped with two prongs to support the globe inside of the neck. The ceiling hanger of the screw holder type is always furnished with one set screw and two screwless spring clips.

In the locktight type the globe is held in place by two spring clips and a lever which, when released, allows the globe to drop from the hanger. When the lever is locked in place the globe cannot be removed without being broken.

In the two-prong type two heavy steel cadmium plated prongs support the globe inside of the neck. This makes it possible to install the globe or remove it from the hanger without tightening or releasing screws or adjusting springs.

All Sollite hangers are furnished with adjustable steel bridges which provide an easy and dependable means of installing the fixture.

Brass Sollite hangers are furnished with an American Bronze finish and Sollite steel hangers are furnished with Dull Bronze finish. Both of these finishes are dark and are both durable and attractive. Special finishes can be furnished at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

All canopies are furnished with knockouts for the use of standard canopy switches if desired. The chain and semi-rigid suspension hangers are furnished in an overall length of 24-inches but lengths

other than standard can be supplied on special order at an increase in price.

Sollite hangers are approved by the National Board of Fire Underwriters and are furnished with #16 stranded copper heat-resisting fixture wire also approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The Sollite globe is of a more angular shape than the Sollux and Sollaire and is furnished in the plain or banded styles. These globes are made of diffusing glass of the same efficiency and high quality as that used in Sollux and Sollaire globes.

The banded decoration is light tan in color and is etched into the globe which is unmarred except for a slight roughness where the design is applied.



LOCK-TIGHT CEILING
TYPE HANGER
AMERICAN BRONZE
FINISH



PLAIN GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS LOCK-TIGHT CEILING HANGER WITH PLAIN GLOBE				
50-60	10 1/4	8 x 4	5 1/4	788910
75-100	11 1/4	10 x 4	6 1/4	788911
150	12 1/4	12 x 4	7 1/4	788912
150-200	13 1/4	14 x 6	9	788913
300	15 1/4	16 x 6	10 1/4	788914
300-500	16 1/4	18 x 6	11 1/4	788915



BANDED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS LOCK-TIGHT CEILING HANGER WITH BANDED GLOBE				
50-60	10 1/4	8 x 4	5 1/4	788916
75-100	11 1/4	10 x 4	6 1/4	788917
150	12 1/4	12 x 4	7 1/4	788918
150-200	13 1/4	14 x 6	9	788919
300	15 1/4	16 x 6	10 1/4	788920
300-500	16 1/4	18 x 6	11 1/4	788921



LOCK-TIGHT CHAIN
SUSPENSION TYPE HANGER
AMERICAN BRONZE
FINISH

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS LOCK-TIGHT CHAIN HANGER WITH PLAIN GLOBE				
50-60	29 1/4	8 x 4	5 1/4	788922
75-100	30 1/4	10 x 4	6 1/4	788923
150	31 1/4	12 x 4	7 1/4	788924
150-200	33	14 x 6	9	788925
300	34 1/4	16 x 6	10 1/4	788926
300-500	35 1/4	18 x 6	11 1/4	788927

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS LOCK-TIGHT CHAIN HANGER WITH BANDED GLOBE				
50-60	29 1/4	8 x 4	5 1/4	788928
75-100	30 1/4	10 x 4	6 1/4	788929
150	31 1/4	12 x 4	7 1/4	788930
150-200	33	14 x 6	9	788931
300	34 1/4	16 x 6	10 1/4	788932
300-500	35 1/4	18 x 6	11 1/4	788933

SOLLITE LUMINAIRES

WITH BRASS SCREW HOLDER
HANGERS—AMERICAN
BRONZE FINISH



PLAIN GLOBE



BANDED GLOBE



SCREW HOLDER SEMI-RIGID
SUSPENSION TYPE HANGER
AMERICAN BRONZE FINISH



SCREW HOLDER CHAIN SUS-
PENSION TYPE HANGER
AMERICAN BRONZE FINISH



PLAIN GLOBE



BANDED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS SCREW HOLDER SEMI-RIGID HANGER WITH PLAIN GLOBE				

BRASS SCREW HOLDER SEMI-RIGID HANGER WITH BANDED GLOBE

For Lamp Size Watts	Overall Length	Size	Depth	Complete Unit Style No. Wired
50-60	29 3/8	8 x 4	5 3/8	788964
75-100	30 3/8	10 x 4	6 3/8	788965
150	31 3/8	12 x 4	7 3/8	788966
150-200	33	14 x 6	9	788967
300	34 1/4	16 x 6	10 1/4	788968
300-500	35 7/8	18 x 6	11 7/8	788969



SCREW HOLDER CEIL-
ING TYPE HANGER
AMERICAN BRONZE
FINISH

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS SCREW HOLDER CEILING HANGER WITH PLAIN GLOBE				
50-60	10 $\frac{1}{4}$	8 x 4	5 $\frac{3}{8}$	788982
75-100	11 $\frac{1}{4}$	10 x 4	6 $\frac{3}{8}$	788983
150	12 $\frac{1}{4}$	12 x 4	7 $\frac{3}{8}$	788984
150-200	13 $\frac{7}{8}$	14 x 6	9	788985
300	15 $\frac{1}{8}$	16 x 6	10 $\frac{1}{4}$	788986
300-500	16 $\frac{3}{4}$	18 x 6	11 $\frac{7}{8}$	788987

BRASS SCREW HOLDER CEILING HANGER WITH BANDED GLOBE				
50-60	10 $\frac{1}{4}$	8 x 4	5 $\frac{3}{8}$	788988
75-100	11 $\frac{1}{4}$	10 x 4	6 $\frac{3}{8}$	788989
150	12 $\frac{1}{4}$	12 x 4	7 $\frac{3}{8}$	788990
150-200	13 $\frac{7}{8}$	14 x 6	9	788991
300	15 $\frac{1}{8}$	16 x 6	10 $\frac{1}{4}$	788992
300-500	16 $\frac{3}{4}$	18 x 6	11 $\frac{7}{8}$	788993

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS SCREW HOLDER CHAIN HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{3}{8}$	788970
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788971
150	31 $\frac{3}{8}$	12 x 4	7 $\frac{3}{8}$	788972
150-200	33	14 x 6	9	788973
300	34 $\frac{1}{4}$	16 x 6	10 $\frac{1}{4}$	788974
300-500	35 $\frac{7}{8}$	18 x 6	11 $\frac{7}{8}$	788975

BRASS SCREW HOLDER CHAIN HANGER WITH BANDED GLOBE				
50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{3}{8}$	788976
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788977
150	31 $\frac{3}{8}$	12 x 4	7 $\frac{3}{8}$	788978
150-200	33	14 x 6	9	788979
300	34 $\frac{1}{4}$	16 x 6	10 $\frac{1}{4}$	788980
300-500	35 $\frac{7}{8}$	18 x 6	11 $\frac{7}{8}$	788981

SOLLITE LUMINAIRES

WITH BRASS TWO PRONG HANGERS—AMERICAN BRONZE FINISH

TWO PRONG SEMI-RIGID SUS-
PENSION TYPE HANGER
AMERICAN BRONZE FINISH



TWO PRONG CHAIN SUSPEN-
SION TYPE HANGER
AMERICAN BRONZE FINISH



PLAIN GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS TWO PRONG SEMI-RIGID HANGER WITH PLAIN GLOBE				
50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	788934
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	788935
150	31 ³ / ₈	12 x 4	7 ³ / ₈	788936
150-200	33	14 x 6	9	788937
300	34	16 x 6	10 ¹ / ₄	788938
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	788939



BANDED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS TWO PRONG SEMI-RIGID HANGER WITH BANDED GLOBE				
50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	788940
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	788941
150	31 ³ / ₈	12 x 4	7 ³ / ₈	788942
150-200	33	14 x 6	9	788943
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	788944
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	788945

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS TWO PRONG CHAIN HANGER WITH PLAIN GLOBE				
50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	788946
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	788947
150	31 ³ / ₈	12 x 4	7 ³ / ₈	788948
150-200	33	14 x 6	9	788949
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	788950
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	788951

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
BRASS TWO PRONG CHAIN HANGER WITH BANDED GLOBE				
50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	788952
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	788953
150	31 ³ / ₈	12 x 4	7 ³ / ₈	788954
150-200	33	14 x 6	9	788955
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	788956
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	788957

All Sollite Brass hangers are wired. Unwired hangers will be furnished when specified on the order.

The standard finish for Sollite Brass hangers is American Bronze. Hangers with other finishes can be obtained on special order. Prices will be quoted when quantities are given.

Chain Link Style No. 349951, 7 links per foot, 9 links per hanger.

Semi-rigid suspension type style numbers cover hangers 24 inches overall, but lengths other than standard can be supplied on special order at an increase in price.

Fourteen-inch Sollite Globes with 5-inch fitters can be furnished; Plain Globe Style No. 340212; Banded Globe Style No. 340219.

Twenty-inch Sollite Globes with 8-inch fitters can also be furnished; Plain Globe Style No. 340215; Banded Globe Style No. 340222.

Sollite globes may be used with Sollaire Plain or Paneled hangers.

**SOLLITE
LUMINAIRES**
WITH STEEL LOCK-TIGHT
HANGERS—
DULL BRONZE FINISH



PLAIN GLOBE



BANDED GLOBE



LOCK-TIGHT CEILING TYPE
HANGER DULL BRONZE
FINISH

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
STEEL LOCK-TIGHT CEILING HANGER WITH PLAIN GLOBE				
50-60	10 $\frac{1}{4}$	8 x 4	5 $\frac{3}{8}$	789006
75-100	11 $\frac{1}{4}$	10 x 4	6 $\frac{3}{8}$	789007
150	12 $\frac{1}{4}$	12 x 4	7 $\frac{3}{8}$	789008
150-200	13 $\frac{7}{8}$	14 x 6	9	789336
300	15 $\frac{1}{8}$	16 x 6	10 $\frac{1}{4}$	789009
300-500	16 $\frac{3}{4}$	18 x 6	11 $\frac{7}{8}$	789010

STEEL LOCK-TIGHT CEILING HANGER WITH BANDED GLOBE				
50-60	10 1/4	8 x 4	5 3/8	789011
75-100	11 1/4	10 x 4	6 3/8	789012
150	12 1/4	12 x 4	7 3/8	789013
150-200	13 7/8	14 x 6	9	789014
300	15 1/8	16 x 6	10 1/4	789015
300-500	16 3/4	18 x 6	11 7/8	789016



LOCK-TIGHT SEMI-RIGID
SUSPENSION TYPE HANGER
DULL BRONZE FINISH



LOCK-TIGHT CHAIN SUS-
PENSION TYPE HANGER
DULL BRONZE FINISH



PLAIN GLOBE



BANDED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
STEEL LOCK-TIGHT SEMI-RIGID HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{3}{8}$	788994
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	788995
150	31 $\frac{3}{8}$	12 x 4	7 $\frac{3}{8}$	788996
150-200	33	14 x 6	9	788997
300	34 $\frac{1}{4}$	16 x 6	10 $\frac{1}{4}$	788998
300-500	35 $\frac{1}{8}$	18 x 6	11 $\frac{7}{8}$	788999

STEEL LOCK-TIGHT SEMI-RIGID HANGER WITH BANDED GLOBE				
50-60	29 3/8	8 x 4	5 3/8	789000
75-100	30 3/8	10 x 4	6 3/8	789001
150	31 3/8	12 x 4	7 3/8	789002
150-200	33	14 x 6	9	789003
300	34 1/4	16 x 6	10 1/4	789004
300-500	35 1/8	18 x 6	11 7/8	789005

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	
STEEL LOCK-TIGHT CHAIN HANGER WITH PLAIN GLOBE				
50-60	29 $\frac{3}{8}$	8 x 4	5 $\frac{3}{8}$	789017
75-100	30 $\frac{3}{8}$	10 x 4	6 $\frac{3}{8}$	789018
150	31 $\frac{3}{8}$	12 x 4	7 $\frac{3}{8}$	789019
150-200	33	14 x 6	9	789020
300	34 $\frac{1}{4}$	16 x 6	10 $\frac{1}{4}$	789021
300-500	35 $\frac{1}{8}$	18 x 6	11 $\frac{7}{8}$	789022

STEEL LOCK-TIGHT CHAIN HANGER WITH BANDED GLOBE				
50-60	29 3/8	8 x 4	5 3/8	789023
75-100	30 3/8	10 x 4	6 3/8	789024
150	31 3/8	12 x 4	7 3/8	789025
150-200	33	14 x 6	9	789026
300	34 1/4	16 x 6	10 1/4	789027
300-500	35 1/8	18 x 6	11 7/8	789028

SOLLITE LUMINAIRES

WITH STEEL SCREW HOLDER
HANGERS—DULL BRONZE
FINISH



PLAIN GLOBE



BANDED GLOBE

SCREW HOLDER
SEMI-RIGID SUSPEN-
SION TYPE HANGER
DULL BRONZE FINISHSCREW HOLDER CEILING TYPE
HANGER DULL BRONZE FINISH

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	

STEEL SCREW HOLDER CEILING HANGER WITH PLAIN GLOBE

50-60	10 1/4	8 x 4	5 3/8	789053
75-100	11 1/4	10 x 4	6 3/8	789054
150	12 1/4	12 x 4	7 3/8	789055
150-200	13 7/8	14 x 6	9	789056
300	15 1/8	16 x 6	10 1/4	789057
300-500	16 3/4	18 x 6	11 7/8	789058

STEEL SCREW HOLDER CEILING HANGER WITH BANDED GLOBE

50-60	10 1/4	8 x 4	5 3/8	789059
75-100	11 1/4	10 x 4	6 3/8	789060
150	12 1/4	12 x 4	7 3/8	789061
150-200	13 7/8	14 x 6	9	789062
300	15 1/8	16 x 6	10 1/4	789063
300-500	16 3/4	18 x 6	11 7/8	789064

SCREW HOLDER CHAIN
SUSPENSION TYPE
HANGER
DULL BRONZE FINISH

PLAIN GLOBE



BANDED GLOBE

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	

STEEL SCREW HOLDER SEMI-RIGID HANGER WITH PLAIN GLOBE

50-60	29 3/8	8 x 4	5 3/8	789065
75-100	30 3/8	10 x 4	6 3/8	789066
150	31 3/8	12 x 4	7 3/8	789067
150-200	33	14 x 6	9	789068
300	34 1/4	16 x 6	10 1/4	789069
300-500	35 7/8	18 x 6	11 7/8	789070

STEEL SCREW HOLDER SEMI-RIGID HANGER WITH BANDED GLOBE

50-60	29 3/8	8 x 4	5 3/8	789071
75-100	30 3/8	10 x 4	6 3/8	789072
150	31 3/8	12 x 4	7 3/8	789073
150-200	33	14 x 6	9	789074
300	34 1/4	16 x 6	10 1/4	789075
300-500	35 7/8	18 x 6	11 7/8	789076

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size	Depth	

STEEL SCREW HOLDER CHAIN HANGER WITH PLAIN GLOBE

50-60	29 3/8	8 x 4	5 3/8	789077
75-100	30 3/8	10 x 4	6 3/8	789078
150	31 3/8	12 x 4	7 3/8	789079
150-200	33	14 x 6	9	789080
300	34 1/4	16 x 6	10 1/4	789081
300-500	35 7/8	18 x 6	11 7/8	789082

STEEL SCREW HOLDER CHAIN HANGER WITH BANDED GLOBE

50-60	29 3/8	8 x 4	5 3/8	789083
75-100	30 3/8	10 x 4	6 3/8	789084
150	31 3/8	12 x 4	7 3/8	789085
150-200	33	14 x 6	9	789086
300	34 1/4	16 x 6	10 1/4	789087
300-500	35 7/8	18 x 6	11 7/8	789088

SOLLITE LUMINAIRES

WITH STEEL TWO PRONG HANGERS—DULL BRONZE FINISH

TWO PRONG SEMI-RIGID SUSPENSION TYPE HANGER DULL BRONZE FINISH



TWO PRONG CHAIN SUSPENSION TYPE HANGER DULL BRONZE FINISH



PLAIN GLOBE



BANDED GLOBE

For Lamp Size Watts	Overall Length	GLOBE Size	Depth	Complete Unit Style No. Wired
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STEEL TWO PRONG SEMI-RIGID HANGER WITH PLAIN GLOBE

50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	789029
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	789030
150	31 ³ / ₈	12 x 4	7 ³ / ₈	789031
150-200	33	14 x 6	9	789032
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	789033
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	789034

STEEL SCREW HOLDER CEILING HANGER WITH BANDED GLOBE

50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	789035
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	789036
150	31 ³ / ₈	12 x 4	7 ³ / ₈	789037
150-200	33	14 x 6	9	789038
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	789039
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	789040

For Lamp Size Watts	Overall Length	GLOBE Size	Depth	Complete Unit Style No. Wired
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STEEL TWO PRONG CHAIN HANGER WITH PLAIN GLOBE

50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	789041
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	789042
150	31 ³ / ₈	12 x 4	7 ³ / ₈	789043
150-200	33	14 x 6	9	789044
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	789045
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	789046

STEEL TWO PRONG CHAIN HANGER WITH BANDED GLOBE

50-60	29 ³ / ₈	8 x 4	5 ³ / ₈	789047
75-100	30 ³ / ₈	10 x 4	6 ³ / ₈	789048
150	31 ³ / ₈	12 x 4	7 ³ / ₈	789049
150-200	33	14 x 6	9	789050
300	34 ¹ / ₄	16 x 6	10 ¹ / ₄	789051
300-500	35 ⁷ / ₈	18 x 6	11 ⁷ / ₈	789052

All Sollite Steel hangers are wired. Unwired hangers will be furnished when specified on the order.

The standard finish for Sollite Steel hangers is Dull Bronze. Except in large quantities these hangers cannot be obtained with special finishes or special lengths.

Chain Link Style No. 349951, 7 links per foot, 9 links per hanger. Semi-Rigid suspension type style numbers cover hangers 24 inches overall.

Fourteen-inch Sollite Globes with 5-inch fitters can be furnished; Plain Globe Style No. 340212; Banded Globe Style No. 340219.

Twenty-inch Sollite Globes with 8-inch fitters can also be furnished; Plain Globe Style No. 340215, Banded Globe Style No. 340222.

Sollite globes may be used with Sollaire Plain or Paneled hangers.

SOLLAIRE KITCHEN UNIT

Sollaire kitchen unit consists of the regular 4-inch Sollaire ceiling hanger, enameled white, and plain 8-, 10- and 12-inch Sollaire globes. Sollaire kitchen units retain all the advantages of the regular Sollaire luminaire.



SOLLAIRE KITCHEN
HANGER



SOLLAIRE KITCHEN
GLOBE

SOLLAIRE KITCHEN UNIT

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Unwired
		Size	Depth	
50-75	8 $\frac{3}{4}$	8 x 4	5 $\frac{5}{8}$	343096
75-100	10 $\frac{1}{4}$	10 x 4	7 $\frac{1}{8}$	349276
150	11 $\frac{5}{8}$	12 x 4	8 $\frac{1}{2}$	343097

INTERMEDIATE SOLLAIRE

Intermediate Sollaire Luminaires are designed for hallways, stairways, closets, and so forth. They are furnished to match Sollux and Sollaire Luminaires,

and are for use with 10-watt, 110-115-120-volt, Intermediate Base Lamps in the S-11 Bulbs.

Furnished in the ceiling type only. The globe is of the Sollaire shape.

Hanger Finish	Overall Length	GLOBE		Complete Unit Style No. Unwired
		Size	Depth	
Chromium Plate	4 $\frac{5}{8}$	4 x 2 $\frac{1}{4}$	4 $\frac{1}{2}$	343210
Statuary Bronze	4 $\frac{5}{8}$	4 x 2 $\frac{1}{4}$	4 $\frac{1}{2}$	343158
American Bronze	4 $\frac{5}{8}$	4 x 2 $\frac{1}{4}$	4 $\frac{1}{2}$	343159

STAIRWELL UNIT

Wall Plate Finish	Overall Extension	For Lamp Size Watts	Complete Unit Style No. Unwired
Statuary Bronze	5 $\frac{1}{2}$ wd. x 10 $\frac{1}{4}$ lg. Extends 3 $\frac{1}{2}$ " from wall	50-60	789089

PHOTOLUX CONTROL OF LIGHTING



Westinghouse Photolux is an accurate and reliable device that operates to turn electric lights on and off when daylight decreases or increases in intensity to a predetermined value. Operation is automatic.

Some of the places where Photolux has been applied to turn artificial light on and off, without any supervision, are as follows: Offices, Industrial Plants, Show Windows, Schools, Signs, Floodlighting, Street Lighting, Navigation, Lights, and Airway and Airport lighting.

These applications are examples that indicate the possibilities of Photolux application.

Description	Style No.
Type RA Photolux relay indoor, flush mounting without clock for 115 volts, 50-60 cycle	842000
Type RA Photolux relay indoor, projection mounting without clock for 115 volts, 50-60 cycle	842001
Type RA Photolux relay indoor, flush mounting with clock for 115 volts, 60 cycle	842003
Type RA Photolux relay indoor, projection mounting with clock for 115 volts, 60 cycle	842004
Type RB Photolux relay outdoor, without clock for 115 volts, 50-60 cycle*	842006
Type RB Photolux relay outdoor, with clock for 115 volts, 60 cycle*	842007

*These units can be furnished with extended photo tubes and cabinets for indoor mounting. Units can be furnished for 25-cycle or for 230-volt operation. Prices on request.

PLAIN BRACKETS FOR OPEN GLASSWARE

BRACKET FOR OPEN
GLASSWARE

Fitter Inches	Extension Inches	Finish	Socket	Style No.
2 1/4	10	American Bronze	Keyless	343150
2 1/4	10	American Bronze	Pull Chain	343151

PLAIN HANGERS FOR OPEN GLASSWARE—SUSPENSION TYPE

CHAIN TYPE
PLAIN HANGERSRIGID TYPE FOR
OPEN GLASSWARE

Fitter Inches	Length Inches	Description	Socket	Style No.
2 1/4	24	Chain Hanger	Keyless	338575
2 1/4	24	Chain Hanger	Pull Chain	338576
2 1/4	24	Rigid Hanger	Keyless	338577
2 1/4	24	Rigid Hanger	Pull Chain	338578
2 1/4	24	Semi-rigid Hanger	Keyless	338579
2 1/4	24	Semi-rigid Hanger	Pull Chain	338580

Chain link for above chain hangers, Style No. 349951, 7 links per foot.

ACCESSORIES TO MATCH PANELED BRONZE SOLLAIRE HANGERS

2 1/4-INCH EMBOSSED
BRONZE BRACKET2 1/4-INCH EMBOSSED
BRONZE RIGID SUS-
PENSION HANGER2 1/4-INCH EMBOSSED BRONZE
CEILING HANGER

Fitter Inches	Extension Inches	Description	Socket	Style No.
2 1/4	3 1/4	Ceiling Hanger	Keyless	338523
3 1/4	3 1/4	Ceiling Hanger	Keyless	338583
2 1/4	7	Wall Bracket	Keyless	338479
3 1/4	7	Wall Bracket	Pull Chain	338494
2 1/4	24	Rigid Hanger	Keyless	338470
2 1/4	24	Rigid Hanger	Pull Chain	338471

Note: Glassware not included but Macbeth-Evans No. 1358 Monax shade may be used with any bracket or hanger with 2 1/4-inch fitter.

FIBER CANOPY EXTENSIONS

3 1/4-INCH EMBOSSED BRONZE
CEILING HANGER

Finish	Style No.
Light Bronze	344698
Dark Bronze	344699

CEILING GUARDS FOR LUMINAIRES

CEILING GUARD FOR
LUMINAIRE

For Globe Diam. Inches	Lamp Size Watts	Diam. Inches	Depth Inches	Style No.
8-10	50-100	16	12 1/4	349560
12-14	150-200	20	15 1/4	349561
16-18	300-500	24	18 1/4	349562
20-22	750-1000	27	20 1/4	349563
				351484

Corbin Padlock with 2 keys for all guards

ACCESSORIES FOR LUMINAIRES—Continued

TASSELS

Description	For Luminaires	Finish	Style No.
Large light weight	Sollaire	American Bronze	349719
Large light weight	Sollaire	Satin Bronze	349939
Large light weight	Ornamental Sollaire	Antique Gold	349549

UNWIRED HANGERS

All hangers listed in this catalog are wired unless otherwise indicated. Unwired hangers will be furnished when specified on the order.

SPECIAL FINISHES

Hangers with special finishes can be obtained on special order. Prices will be quoted when quantities are given.

HANGERS WITH AUXILIARY SOCKET

Sollaire or Sollite hangers with 6-inch fitters can be furnished with auxiliary sockets for emergency lighting. Prices will be quoted upon request.

BRYANT DETACHABLE DEVICES

Chain suspension Sollux, Catalog Section 61-260, or Sollaire, and Sollite Hangers listed in this catalog may be equipped at a slight additional cost with the Bryant detachable "Hookex" or "Diple" devices which permit easy removal of the entire fixture without disturbing electrical connections.

WINDOW FLOODLIGHTS

The Window Floodlight is an ideal unit for supplementing the illumination afforded by show window reflectors, or where color effects are desired. It is also suited for any colored interior illumination. For such effects, a film holder and four gelatin films—red, blue, amber and green—are supplied.

The floodlight is mounted on a small cast swivel base, permitting the mounting of the unit on wall or ceiling. A small rectangular base for condulets or mouldings is also available.

The reflector is made of chromium-plated sheet brass. This chromium-plated surface is practically indestructible, as it is not subject to tarnishing or corrosion. Its efficiency compares very favorably with that of other materials.

The Window Floodlight is packed in an individual carton, and the film holder and color films are packed together in a separate carton. The Window Floodlight and holder must be ordered by separate style numbers.

UNIT COMPLETE WITH 4-FOOT CORD & TWO-PIECE ATTACHMENT PLUG

For Lamp Size Watts	Description	Reflector Dia., Ins.	Ship. Wt. Lb., Ea.	Style No.
200	Window floodlight only	11½	6	349529
300-500	Window floodlight only	14	10	341162

ACCESSORIES

Description	— FOR 200-WATT — FLOODLIGHT		— FOR 300-500-WATT — FLOODLIGHT	
	Ship. Wt. Lb. Ea.	Style No.	Ship. Wt. Lb. Ea.	Style No.
Film holder and color films*	3	349524	5	341163
Rectangular base for condulets and mouldings.....	¼	349696	¼	342198
Red color films only†.....	1	349525	1	341164
Blue color films only†.....	1	349526	1	341165
Amber color films only†.....	1	349527	1	341166
Green color films only†.....	1	349528	1	341167
One each red, blue, amber and green color films only	1	349924	1	341168

*One each red, blue, amber and green.

†Style number covers one film only. Films must always be ordered in multiples of five.



WINDOW FLOODLIGHT

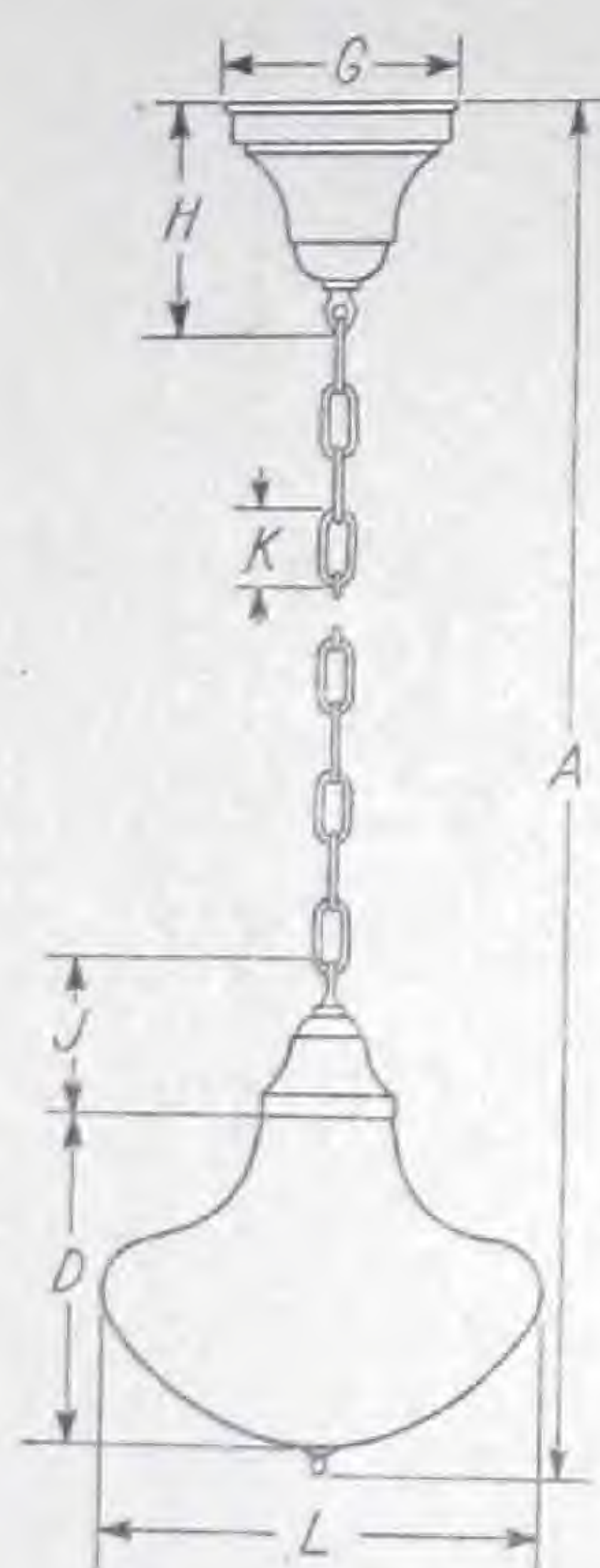


FIG. NO. 1
TYPICAL SUSPENSION TYPE
LUMINAIRE

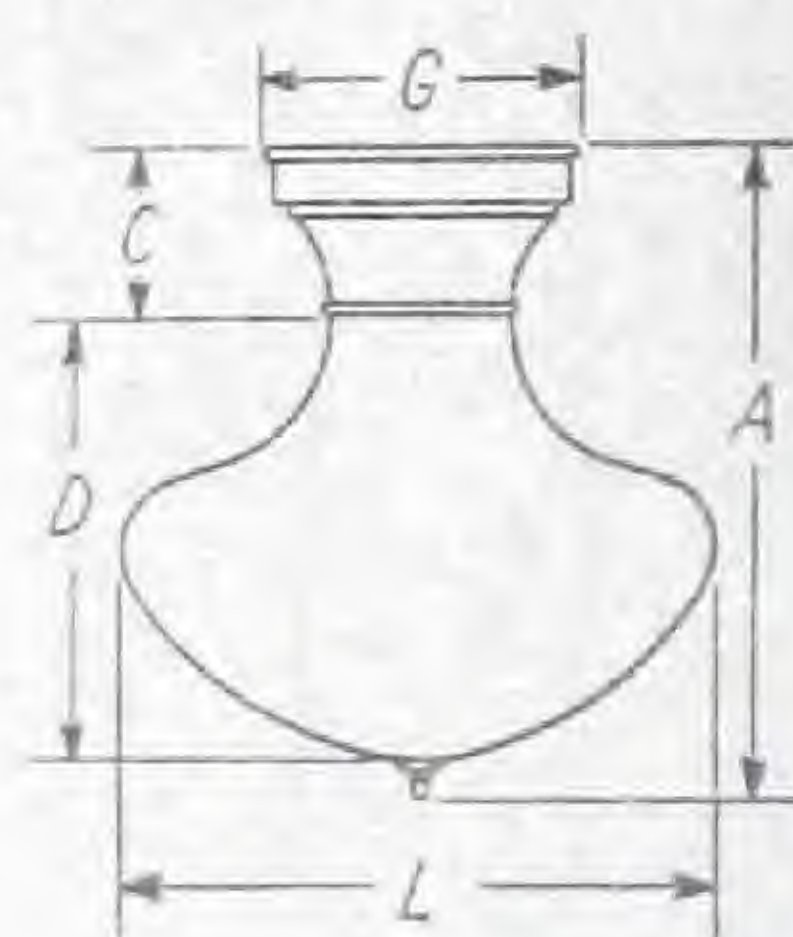
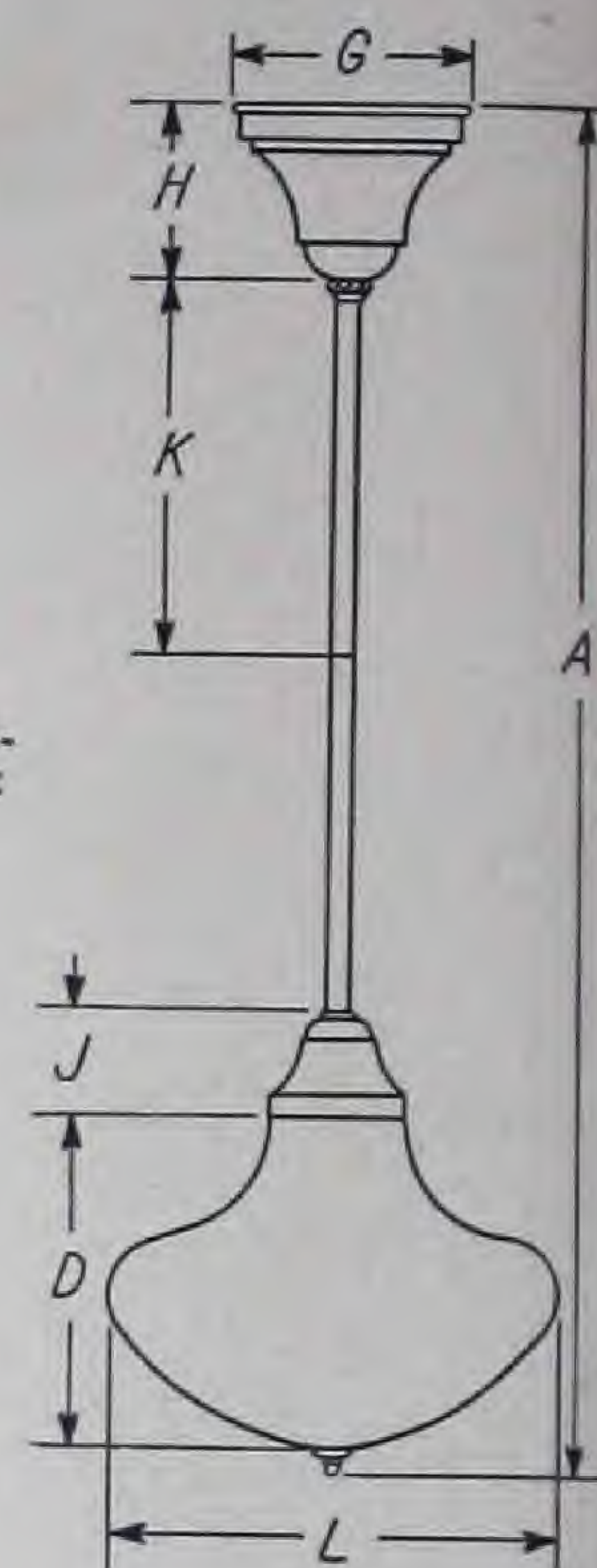


FIG. NO. 2
TYPICAL CEILING TYPE
LUMINAIRE

FIG. NO. 3
TYPICAL SEMI-RIGID SUS-
PENSION TYPE LUMINAIRE



SOLLAIRE LUMINAIRES WITH PLAIN SAFETY HANGERS (PAGES 2 AND 3)

CHAIN SUSPENSION TYPE (FIG. NO. 1)

For Lamp Size Watts	A	D	G	H	J	K	L
50-75	29 1/8	5 1/8	5 3/4	4 1/2	3 3/4	1 3/4	8
75-100	31 1/8	7 1/8	5 3/4	4 1/2	3 3/4	1 3/4	10
150	32 1/2	8 1/2	5 3/4	4 1/2	3 3/4	1 3/4	12
150-200	34	10	5 3/4	4 1/2	3 3/4	1 3/4	14
150-200	34 1/2	10	5 3/4	4 1/2	4 3/8	1 3/4	14
300	36	11 3/8	5 3/4	4 1/2	4 3/8	1 3/4	16
300-500	36 5/8	12	5 3/4	4 1/2	4 3/8	1 3/4	18
750-1000	39 1/4	13 1/2	5 3/4	4 1/2	5 1/2	1 3/4	20

CEILING TYPE (FIG. NO. 2)

For Lamp Size Watts	A	C	D	G	L
50-75	10 1/2	4 7/8	5 3/8	6 3/8	8
75-100	12	4 7/8	7 1/8	6 3/8	10
150	13 3/8	4 7/8	8 1/2	6 3/8	12
150-200	14 1/8	4 7/8	10	6 3/8	14
150-200	14 1/2	4 7/8	10	6 3/8	14
300	16 1/4	4 7/8	11 3/8	6 3/8	16
300-500	16 7/8	4 7/8	12	6 3/8	18
750-1000	19 3/8	6 1/8	13 1/2	6 3/8	20

SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)

For Lamp Size Watts	A	D	G	H	J	K	L
50-75	29 5/8	5 5/8	5 3/4	2 7/8	3 1/4	9	8
75-100	31 1/8	7 1/8	5 3/4	2 7/8	3 1/4	9	10
150	32 1/2	8 1/2	5 3/4	2 7/8	3 1/4	9	12
150-200	34	10	5 3/4	2 7/8	3 1/4	9	14
150-200	34	10	5 3/4	2 7/8	3 1/4	9	14
300	35 3/8	11 3/8	5 3/4	2 7/8	3 3/4	9	16
300-500	36	12	5 3/4	2 7/8	3 3/4	9	18
750-1000	37 1/2	13 1/2	5 3/4	2 7/8	5	9	20

SOLLAIRE LUMINAIRES WITH PANELED BRONZE SAFETY HANGERS (PAGES 4 AND 5)

CHAIN SUSPENSION TYPE (FIG. NO. 1)

For Lamp Size Watts	A	D	G	H	J	K	L
50-75	29 1/8	5 1/8	5 3/4	4 1/2	3 3/4	1 3/4	8
75-100	31 1/8	7 1/8	5 3/4	4 1/2	3 3/4	1 3/4	10
150	32 1/2	8 1/2	5 3/4	4 1/2	3 3/4	1 3/4	12
150-200	34	10	5 3/4	4 1/2	3 3/4	1 3/4	14
150-200	34 1/2	10	5 3/4	4 1/2	4 3/8	1 3/4	14
300	36	11 3/8	5 3/4	4 1/2	4 3/8	1 3/4	16
300-500	36 5/8	12	5 3/4	4 1/2	4 3/8	1 3/4	18
750-1000	39 1/4	13 1/2	5 3/4	4 1/2	5 1/2	1 3/4	20

CEILING TYPE (FIG. NO. 2)

For Lamp Size Watts	A	C	D	G	L
50-75	10 3/4	5 1/8	5 3/8	6 3/8	8
75-100	12 1/4	5 1/8	7 1/8	6 3/8	10
150	13 3/8	5 1/8	8 1/2	6 3/8	12
150-200	15 1/8	5 1/8	10	6 3/8	14
150-200	15 1/2	5 1/8	10	6 3/8	14
300	16 1/2	5 1/8	11 3/8	6 3/8	16
300-500	17 1/8	5 1/8	12	6 3/8	18
750-1000	19 3/8	6 1/8	13 1/2	6 3/8	20

SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)

For Lamp Size Watts	A	D	G	H	J	K	L
50-75	29 5/8	5 5/8	5 3/4	2 7/8	3 1/4	9	8
75-100	31 1/8	7 1/8	5 3/4	2 7/8	3 1/4	9	10
150	32 1/2	8 1/2	5 3/4	2 7/8	3 1/4	9	12
150-200	34	10	5 3/4	2 7/8	3 1/4	9	14
150-200	34	10	5 3/4	2 7/8	3 1/4	9	14
300	35 3/8	11 3/8	5 3/4	2 7/8	3 3/4	9	16
300-500	36	12	5 3/4	2 7/8	3 3/4	9	18
750-1000	37 1/2	13 1/2	5 3/4	2 7/8	5	9	20

SOLLAIRE LUMINAIRES WITH ORNAMENTAL HANGERS (PAGES 6 AND 7)

CHAIN SUSPENSION TYPE (FIG. NO. 1)

For Lamp Size Watts	A	D	G	H	J	K	L
150-200	56 1/4	10	7	9 1/4	6 1/2	2	14
150-200	56 1/4	10	7	9 1/4	6 1/2	2	14
300	57 1/2	11 3/8	7	9 1/4	6 1/2	2	16
300-500	58 1/4	12	7	9 1/4	6 1/2	2	18
750-1000	59 1/2	13 1/2	7	9 1/4	6 1/2	2	20

CEILING TYPE (FIG. NO. 2)

For Lamp Size Watts	A	C	D	G	L
150-200	18	8	10	8 7/8	14
150-200	18	8	10	10 5/8	14
300	19 3/8	8	11 3/8	10 5/8	16
300-500	20	8	12	10 5/8	18
750-1000	21 1/2	8	13 1/2	12 1/2	20

LUNAIRE LUMINAIRES WITH PANELED BRONZE SAFETY HANGERS (PAGES 10 AND 11)

CHAIN SUSPENSION TYPE (FIG. NO. 1)

For Lamp Size Watts	A	D	G	H	J	K	L
50-60	29 1/8	5 1/8	5 3/4	4 1/2	3 3/4	1 3/4	8
75-100	30 3/4	6 3/4	5 3/4	4 1/2	3 3/4	1 3/4	10
150	32 1/8	8 1/8	5 3/4	4 1/2	3 3/4	1 3/4	12
150-200	33 3/8	9 3/8	5 3/4	4 1/2	3 3/4	1 3/4	14
150-200	34 1/2	9 3/8	5 3/4	4 1/2	4 3/8	1 3/4	14
300	35 5/8	11	5 3/4	4 1/2	4 3/8	1 3/4	16
300-500	36 1/4	11 3/8	5 3/4	4 1/2	4 3/8	1 3/4	18
750-1000	38 7/8	13 1/4	5 3/4	4 1/2	5 1/2	1 3/4	20

CEILING TYPE (FIG. NO. 2)

For Lamp Size Watts	A	C	D	G	L
50-60	10 3/4	5 1/8	5 3/8	6 3/8	8
75-100	11 7/8	5 1/8	6 3/8	6 3/8	10
150	13 1/4	5 1/8	8 1/2	6 3/8	12
150-200	14 3/4	5 1/8	9 5/8	6 3/8	14
150-200	14 3/4	5 1/8	9 5/8	6 3/8	14
300	16 1/8	5 1/8	11	6 3/8	16
300-500	16 3/4	5 1/8	11 5/8	6 3/8	18
750-1000	19 1/4	6 1/8	13 1/8	6 3/8	20

SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)

For Lamp Size Watts	A	D	G	H	J	K	L
50-60	29 5/8	5 5/8	5 3/4	2 7/8	3 1/4	9	8
75-100	30 3/8	6 3/8	5 3/4	2 7/8	3 1/4	9	10
150	32 1/8	8 1/8	5 3/4	2 7/8	3 1/4	9	12
150-200	33 3/8	9 3/8	5 3/4	2 7/8	3 1/4	9	14
150-200	34 1/8	9 3/8	5 3/4	2 7/8	3 1/4	9	14
300	35	11	5 3/4	2 7/8	3 3/4	9	16
300-500	35 5/8	11 5/8	5 3/4	2 7/8	3 3/4	9	18
750-1000	37 3/8	13 1/8	5 3/4	2 7/8	5	9	20

SOLLITE LUMINAIRES WITH PLAIN HANGER (PAGES 14 AND 15)

CHAIN SUSPENSION TYPE (FIG. NO. 1)

For Lamp Size Watts	A	D	G	H	J	K	L
60-75	29 3/8	5 3/8	4 5/8	3 1/8	3 1/8	1 3/8	8
75-100	30 3/8	6 3/8	4 5/8	3 1/8	3 1/8	1 3/8	10
150	31 3/8	7 3/8	4 5/8	3 1/8	3 1/8	1 3/8	12
150-200	33	9	4 5/8	3 1/8	3 1/8	1 3/8	14
300	34 1/4	10 1/4	4 5/8	3 1/8	3 1/8	1 3/8	16
300-500	35 1/4	11 1/4	4 5/8	3 1/8	3 1/8	1 3/8	18

CEILING TYPE (FIG. NO. 2)

For Lamp Size Watts	A	C	D	G	L
60-75	10	4 5/8	5 3/8	5 3/8	8
75-100	11	4 5/8	6 3/8	5 3/8	10
150	12	4 5/8	7 3/8	5 3/8	12
150-200	13 1/4	4 5/8	9	5 3/8	14
300	15 1/8	4 5/8	10 1/4	5 3/8	16
300-500	16 3/4	4 5/8	11 3/8	5 3/8	18

SEMI-RIGID SUSPENSION TYPE (FIG. NO. 3)

For Lamp Size Watts	A	D	G	H	J	K	L
60-75	29 3/8	5 3/8	4 5/8	2	2 5/8	9	8
75-100	30 3/8	6 3/8	4 5/8	2	2 5/8	9	10
150	31 3/8	7 3/8	4 5/8	2	2 5/8	9	12
150-200	33	9	4 5/8	2	2 5/8	9	14
300	34 1/4	10 1/4	4 5/8	2	2 5/8	9	16
300-500	35 3/8	11 3/8	4 5/8	2	2 5/8	9	18

Dimensions are for reference only. For official dimensions apply to nearest district office.

MAGNALAIRE LUMINAIRES WITH POLISHED CHROMIUM FINISH



SEMI-RIGID HANGER
POLISHED CHROMIUM FINISH



CEILING PLATE
POLISHED CHROMIUM FINISH

Magnalair hangers are made of brass, the canopy being 20 gauge and is equipped with a swivel and collar to align with the ceiling. A knockout in the canopy permits the use of a No. 41 Levolver flat type canopy switch if desired. All metal parts are finished in the finest polished chromium plate. These hangers can be furnished with other finishes at an increase in price depending on the quantity. Prices will be quoted upon application when quantities are given.

The globe is supported on these hangers by two heavy steel cadmium plated prongs. The globe is locked in place by a narrow ring which when released allows the holder to slide up the stem for relamping, wiring, etc.

Magnalair semi-rigid suspension hangers are 24 inches long but lengths other than standard can be supplied on special order at an increase in price.

These hangers are wired with No. 16 stranded copper heat-resisting fixture wire approved by the National Board of Fire Underwriters. Unwired hangers will be furnished when specified on the order.

The Magnalair hangers are designed for use with an angular shaped diffusing globe which harmonizes with the standard Magnalux basin. These globes are manufactured from the highest quality diffusing glass and are furnished either plain or with an attractive decoration in brown-tone.



PLAIN GLOBE



DECORATED GLOBE

For Lamp Size Watts	Overall Length	—GLOBE—		Complete Unit Style No. Wired
		Size Inches	Depth Inches	
CHROMIUM SEMI-RIGID HANGER WITH PLAIN GLOBE				
60	28½	10 x 4	4½	788784
75-100	29¾	12 x 4	5¾	788785
150-200	31⅝	14 x 5	7⅝	788786
300	32½	16 x 6	8½	788787

CHROMIUM SEMI-RIGID HANGER WITH DECORATED GLOBE				
60	28 1/8	10 x 4	4 1/8	788788
75-100	29 3/4	12 x 4	5 3/4	788789
150-200	31 1/8	14 x 5	7 5/8	788790
300	32 1/8	16 x 6	8 1/8	788791

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size Inches	Depth Inches	
CHROMIUM CEILING PLATE WITH PLAIN GLOBE				
60	6 ½	10 x 4	4 ⅛	786798
75-100	8 ⅛	12 x 4	5 ¼	786799
150-200	10	14 x 5	7 ⅝	786800

CHROMIUM CEILING PLATE WITH DECORATED GLOBE				
60	6 1/2	10 x 4	4 1/8	786801
75-100	8 1/8	12 x 4	5 3/4	786802
150-200	10	14 x 5	7 5/8	786803

MAGNALITE LUMINAIRES

WITH POLISHED CHROMIUM FINISH



The standard Magnalux semi-rigid hangers are used with Magnalite bowls. The hangers are made of the most substantial material ever used in a commercial lighting unit. The canopy is of No. 20 gauge brass and is regularly furnished with a knockout permitting the use of a No. 41 Levolver flat type canopy switch if desired.

The hanger canopy is equipped with a swivel and collar to align with the ceiling and the stem is of $\frac{1}{2}$ -inch No. 16 gauge brass pipe.

Hangers are listed wired but can also be furnished unwired if desired. All metal parts are finished in the finest polished chromium plate.

The Magnalux husk is designed to permit maximum upward light between the lamp and ceiling. The Magnalite bowls are supported on beaded chains, each chain having a tensile strength approximately five times greater than the actual weight of the basin. The chains furnished in a cloth bag attached to each mogul husk are of the proper length when mogul base lamps are used.

When medium base lamps are used three Style No. 787485 chains should be ordered for each basin since the standard chains furnished with medium hangers are not of sufficient length for use with Magnalite bowls.

The Magnalite bowls are blown from the highest quality diffusing glass and are of sufficient diameter and depth so as to reduce the surface brightness to a minimum and to completely conceal the lamp. Magnalite bowls are furnished in the plain type only.



SEMI-RIGID HANGER
POLISHED CHROMIUM
FINISH



PLAIN BOWL

For Lamp Size Watts	Overall Length	GLOBE		Complete Unit Style No. Wired
		Size Inches	Depth Inches	
CHROMIUM SEMI-RIGID HANGER WITH PLAIN BOWL				
150	27	16	6¾	788794
200	27	16	6¾	788795
300-500	32½	16	6¾	788796

THREE LIGHT SOCKET

The Three Light Lamp is the most valuable development in recent years. It enables the user to step down lighting intensities

during periods when ordinarily part of the lamps in an installation would be turned off. It also affords a means of stepping up intensities during busy periods.

The Three Light Lamp may be used with any Westinghouse standard mogul commercial hanger or with Wemco or Heavy Duty Industrial Hoods.



THREE LIGHT SOCKET

Description	STANDARD PKG.		Carton Quantity	Style No.
	Quantity	Wt. Lbs.		
Mogul Socket Only.....	50	36	5	788009
Mogul Socket with Mounting Screws.....	50	36	5	788359
Mogul Socket with $\frac{3}{4}$ -inch Die Cast Cap and Mounting Screws.....	50	36	5	788255

Westinghouse

INDUSTRIAL LIGHTING EQUIPMENT

Catalog 61-100

JULY, 1934

*This Catalog Supersedes Westinghouse General
Catalog 1931-1932 and Catalog 219-A, July, 1932*



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GENERAL ORDERING INSTRUCTIONS

To avoid delays and misunderstandings, note carefully the following general instructions in addition to specific ordering information given on the apparatus pages.

1. Send all *correspondence* and *orders* to the nearest sales office of the Company or the nearest agent-jobber.
2. When ordering give *style number* and complete description. If modification of standard apparatus is desired, order "Similar to Style No. except (state modification)."
3. In ordering *duplicate* of apparatus not listed, order by style number or S. O. number (one of these numbers is cast or marked on the apparatus). Also give the *serial number* and full description.
4. In ordering *parts*, give style number, complete description, and serial number of the apparatus for which the part is required.
5. State whether *shipment* is to be made by freight, express or parcel post. In the absence of instructions, goods will be shipped at our discretion. Parcel post shipments will be insured only on request. All shipments are at purchaser's risk.
6. Present all *claims for breakage* to the carrier, as we are not responsible for damage to apparatus after delivery to the carrier. If we are notified of such claims, however, we shall gladly lend assistance to secure adjustment.
7. Make *claims for shortage* within five days after receipt of shipment; otherwise they will not be considered.
8. Do not *return apparatus* to us for credit or exchange without first obtaining written approval with shipping instructions from the sales office through which the order was placed. Notification of such shipment, with copy of shipping receipt, must be sent to the sales office. Shipment must bear the name and address of the sender, otherwise, we cannot accept responsibility for credit.
9. In *communicating with us regarding an order*, always mention the number and date of your purchase order, also give our G. O. number when available.
10. *Terms* are such as the Company may extend to the purchaser, not to exceed net in thirty days from date of invoice.
11. Small orders should be combined so as to amount to a value of at least \$1.00 net. Where the total of the sale is less than this, the material will be invoiced at \$1.00.
12. The Company will not be responsible or liable for any loss, damage, detention or delay caused by fire, strike, civil or military authority, or by insurrection or riot, or by any other cause which is unavoidable or beyond its reasonable control; nor in any event for consequential damages.

We are users of L-CODE, the Electrical Industry Telegraph Code.

WESTINGHOUSE INDUSTRIAL LIGHTING EQUIPMENT

New scientific developments which reveal the intimate relationship of light to sight, emphasize, as never before, the vital importance of proper illumination in industry.

With few exceptions, present day lighting is entirely inadequate for eye-comfort; and it is now known that improper illumination causes eye-strain, fatigue, muscular tension and physical exhaustion that result in decreased efficiency and production, and increased errors and accidents.

These new developments set entirely new standards for illumination, and three general specifications

have been established for correction of existing lighting, as follows:

1. Intensities must be increased.
2. Glare must be abolished.
3. Uniform lighting must be achieved.

Practical application of the new illumination standards have proven conclusively that the correction of lighting facilities to meet the new standards, more than pays the initial cost of installation.

In a plant operating a battery of wire drawing machines, a haphazard system of drop cord lighting



Westinghouse Lighting is designed to assure the Maximum of Illumination Value for Eye Conservation and Production Economy. An Installation of Westinghouse High Mounting and Symmetrical Angle Reflectors. The Average Illumination obtained is 12 Footcandles on the Main Floor and 15 Footcandles on the Mezzanine Floor.

was replaced with a scientifically planned overhead system. Output of the machines was immediately increased 21 per cent.

The effect of adequate lighting was tested by the Detroit Piston Ring Company. The plant was inadequately lighted and at the beginning of the test was running at about 70 per cent capacity with a lighting intensity of 1.2 footcandles. In one department the lighting was increased to 6.5 footcandles and production increased 13 per cent. When the lighting was further increased to 9 footcandles an additional production increase of 4.9 per cent was obtained. When the lighting was finally increased to 14 footcandles, production increased another 6.9 per cent. In all, lighting of 14 footcandles intensity increased production 25.8 per cent over the original installation.

There are hundreds of similar examples where corrected lighting intensities have increased production in like proportions. And while there is a limit of lighting intensities beyond which no production in-

crease can be realized, many factories and offices are providing higher intensities for humanitarian reasons. The result is employee comfort, satisfaction and enthusiasm that is reflected in their work and employee turnover.

To readily check lighting intensities in any location for which proper illumination is desired, Westinghouse has perfected the Light Meter, a convenient, portable and accurate method of measuring lighting intensities in footcandles. Based on these foot-candle intensities, scientific research and practical investigation have resulted in a definite table of specifications for adequate intensities that will lessen eye-fatigue, increase speed and efficiency and reduce costly errors and accidents. With the establishment of these new illumination standards, Westinghouse has developed a complete line of industrial lighting equipment to meet every exacting requirement of the specifications. Westinghouse industrial lighting equipment is the most practical combination for efficient, economical and attractive illumination.



A typical factory of fine machinery and skilled workmen under starvation lighting conditions.



After adequate Westinghouse Industrial Lighting Equipment was installed to increase production and decrease costs and accidents

ADEQUATE ILLUMINATION

Increases Production

A bearing manufacturer increased the illumination of the inspection room from 5 to 20 footcandles. Production jumped from 408 to 458 pieces per operator per hour . . . an increase of 12.5 per cent.

A register company corrected lighting intensities in the composing room. Production increased 6 per cent, and only 20 cents per day was added to the light bill.

A hosiery plant improved its lighting equipment and knitting machine production jumped 10.8 per cent, and looping machine production increased 6.1 per cent.

Decreases Accidents

Accident claims, in a plant employing about a thousand men, averaged 425 a year with paid compensation amounting to \$15,000. An increased expenditure of \$2,800 per year for improved electric light reduced accident claims to 170, saving \$6,200 in compensation payments.

Improves Working Conditions

A manufacturer of automobile parts found labor turnover decreased from 6.37 per cent per month to 2.78 per cent per month, following installation of a new lighting system. Production was increased sufficiently to pay the entire cost of installation in 18 months.

FIVE OUTSTANDING WESTINGHOUSE FEATURES

1. *Effective Lighting Distribution for eye conservation*—Even distribution of light . . . eliminating deceptive half-lights and dark spots.
2. *Low Maintenance Cost*—Simplicity of mechanical parts provides accessibility for proper cleaning in difficult positions and locations.
3. *Correct Design*—Design combines mechanical strength and features that simplify installation.
4. *High Efficiency*—Reflectors have highly efficient reflecting surface of porcelain enamel.
5. *Quality Manufacture*—Fashioned by skilled workmen from finest materials.

INCREASE PRODUCTION



DECREASE ACCIDENTS



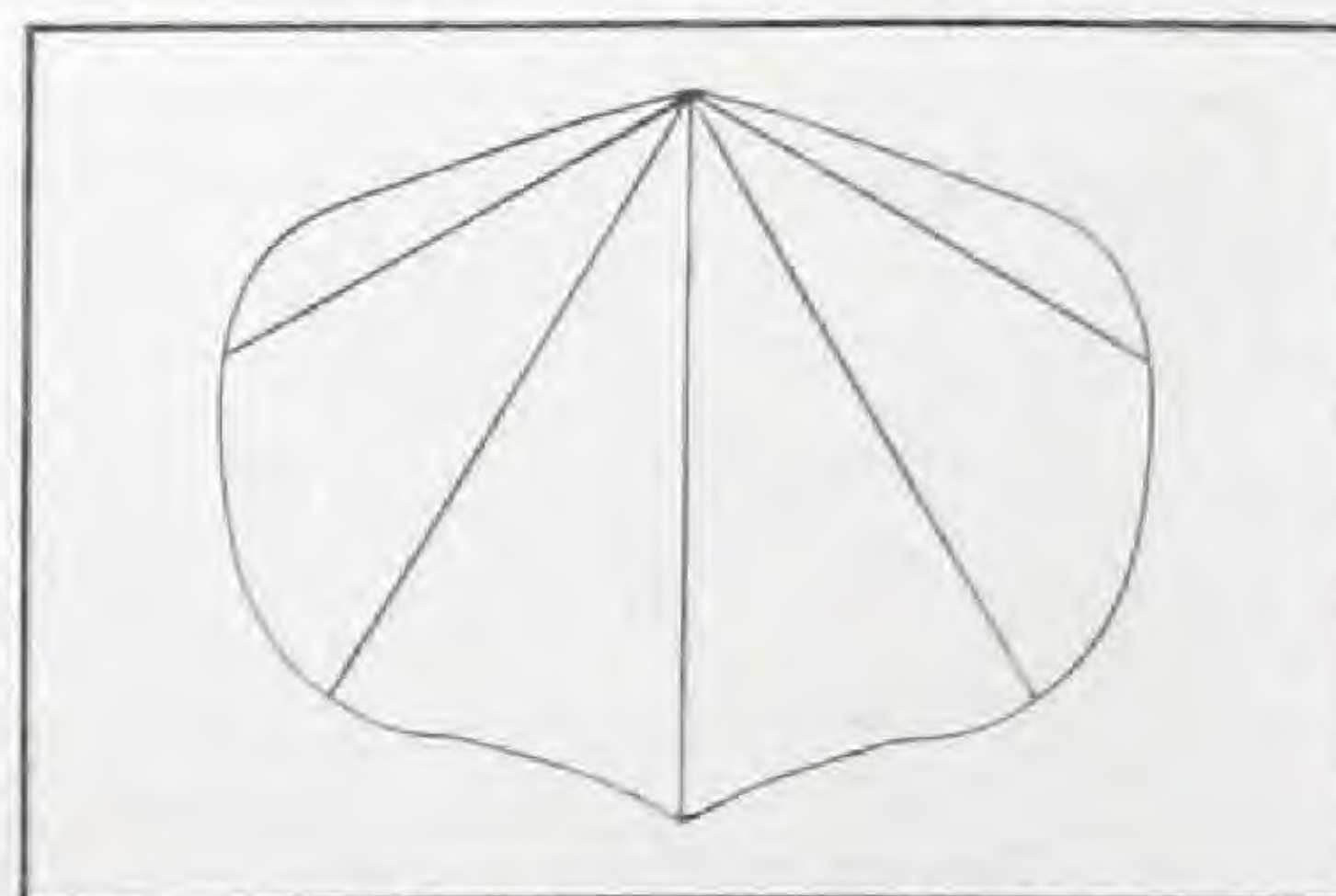
IMPROVE WORKING CONDITIONS



RLM DOME REFLECTOR



TYPICAL RLM DOME REFLECTOR



LIGHT DISTRIBUTION CURVE

The RLM Reflector, as the name signifies, was developed for the Reflector and Lamp Manufacturers Standard, and is the result of a careful study of industrial lighting problems made by their engineers. This reflector is subjected to a rigid inspection made by the Electrical Testing Laboratories and the RLM label each reflector carries is a guarantee of quality as well as performance.

For general lighting effectiveness, the RLM Dome Reflector cannot be surpassed. The angle of cut-off is such that no glare from the lamp filament is experienced when the RLM reflector is used at the correct mounting height. The $17\frac{1}{2}$ -degree cut-off which eliminates glare still allows a wide distribution of light which means that even illumination will result when the reflectors are correctly spaced.

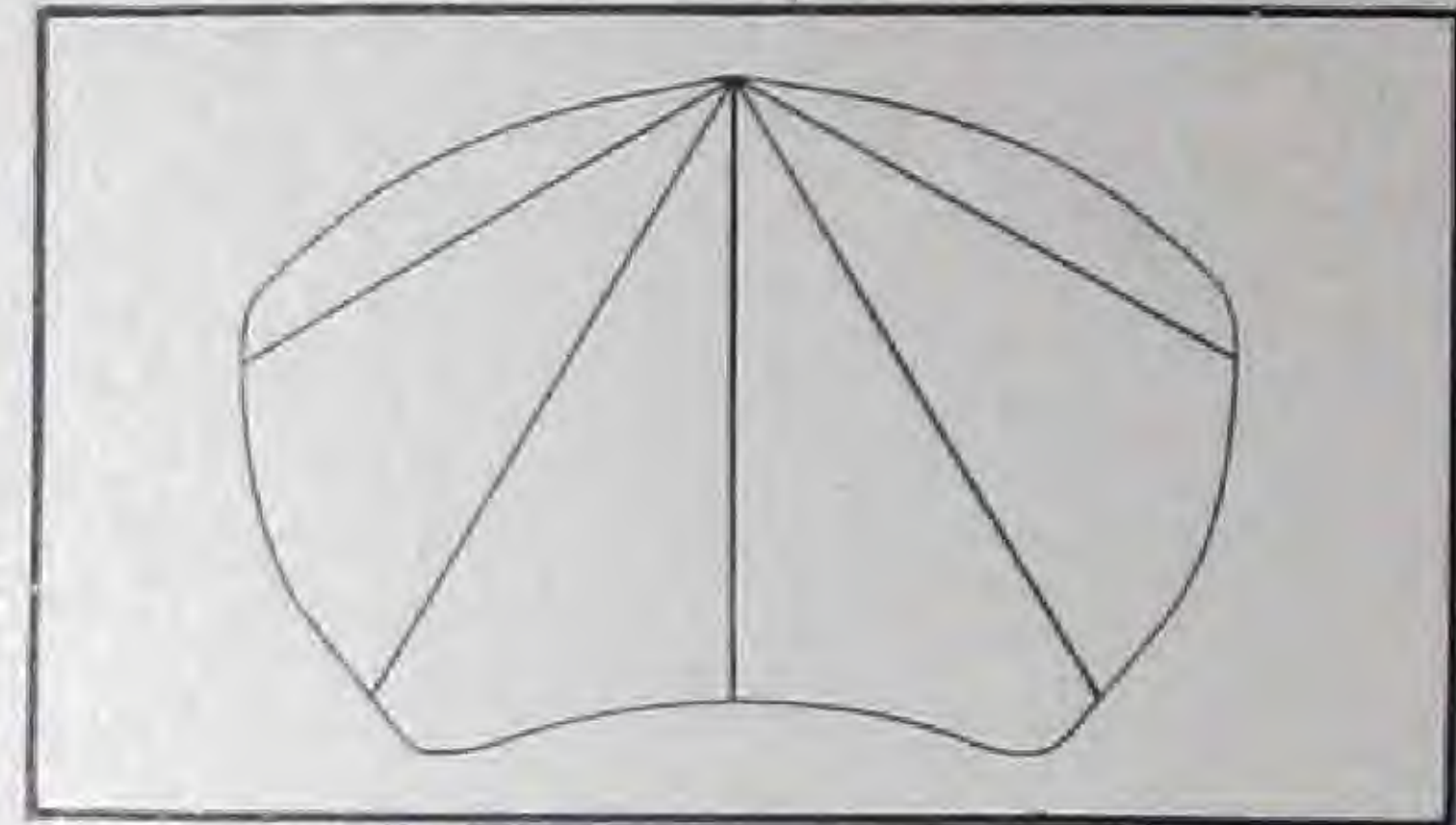
TYPES OF REFLECTORS—Continued

Shallow Dome Reflector



TYPICAL SHALLOW DOME REFLECTOR

The Shallow Dome Reflector, although not as effective for general lighting as the RLM, provides a wide distribution of light desirable for places infrequently used and for outside locations. The



LIGHT DISTRIBUTION CURVE

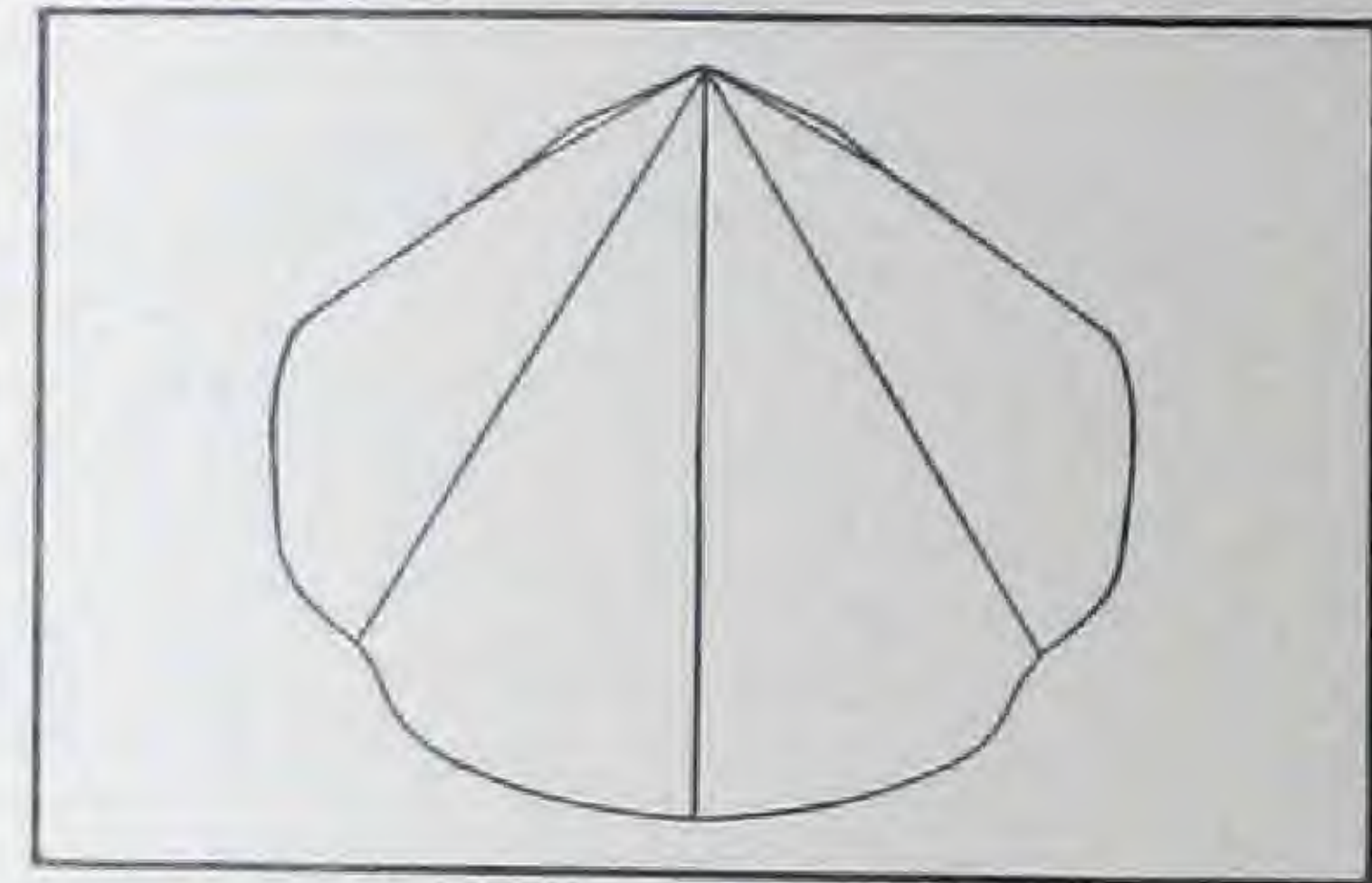
Westinghouse Shallow Dome Reflectors are furnished with all of the various types of heels and are made in varying sizes for either medium base lamps or mogul base lamps.

Deep Bowl Reflector



TYPICAL DEEP BOWL REFLECTOR

The Deep Bowl Reflector provides an intensified light upon the part of the working plane immediately beneath it and for that reason is an ideal fixture for places where the requirements are such that strong local lighting must be provided. Since these reflectors



LIGHT DISTRIBUTION CURVE

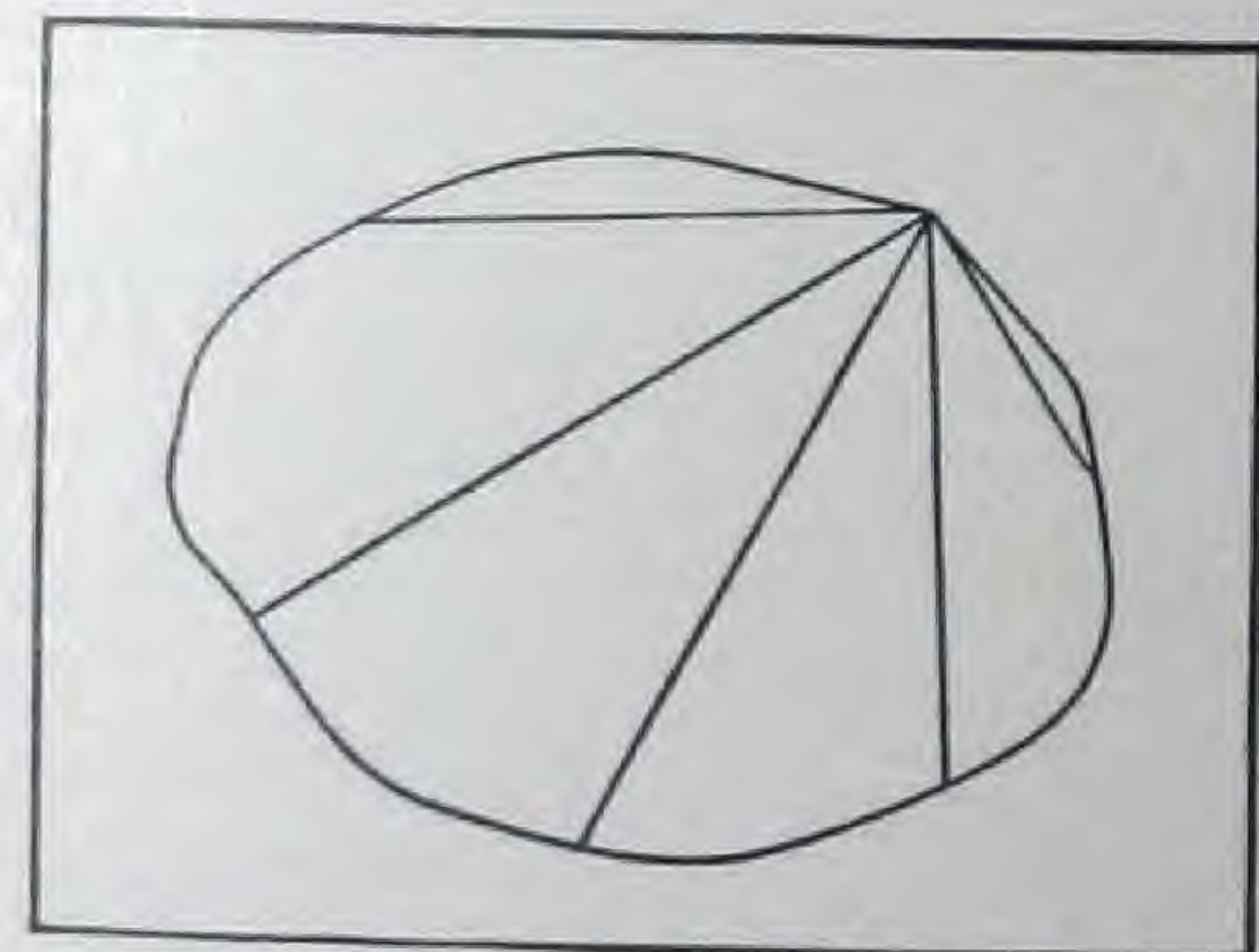
act as shields no glare will be experienced when they are mounted low. For the same reason the larger sizes are usually preferred for higher mounting heights and are sometimes preferred for general illumination because of their sharper light cut-off.

Symmetrical Angle Reflector



TYPICAL SYMMETRICAL ANGLE REFLECTOR

The Symmetrical Angle Reflector is made for all installations where lighting must be done from the side, as the greater part of the light generated by the lamp is reflected into the vertical plane. At the same time the light strikes this plane at such an angle as to minimize reflected glare that might impair the efficiency of the workman. This reflector is also extensively used under crane rails to build up both the



LIGHT DISTRIBUTION CURVE

vertical and horizontal illumination and to eliminate shadows in case the crane happens to stop immediately under one of the overhead units.

Information regarding Glassteel Diffuser and Elliptical Angle reflectors will be found in Sections 61-160 and 61-163 respectively, and Miscellaneous Reflectors in Section 61-170.

ONE-PIECE REFLECTORS WITH SOCKETS

Application—The Westinghouse One-Piece Reflector and Socket is an excellent direct lighting luminaire for either exterior or interior applications.

Method of Attachment—The unit may be sus-

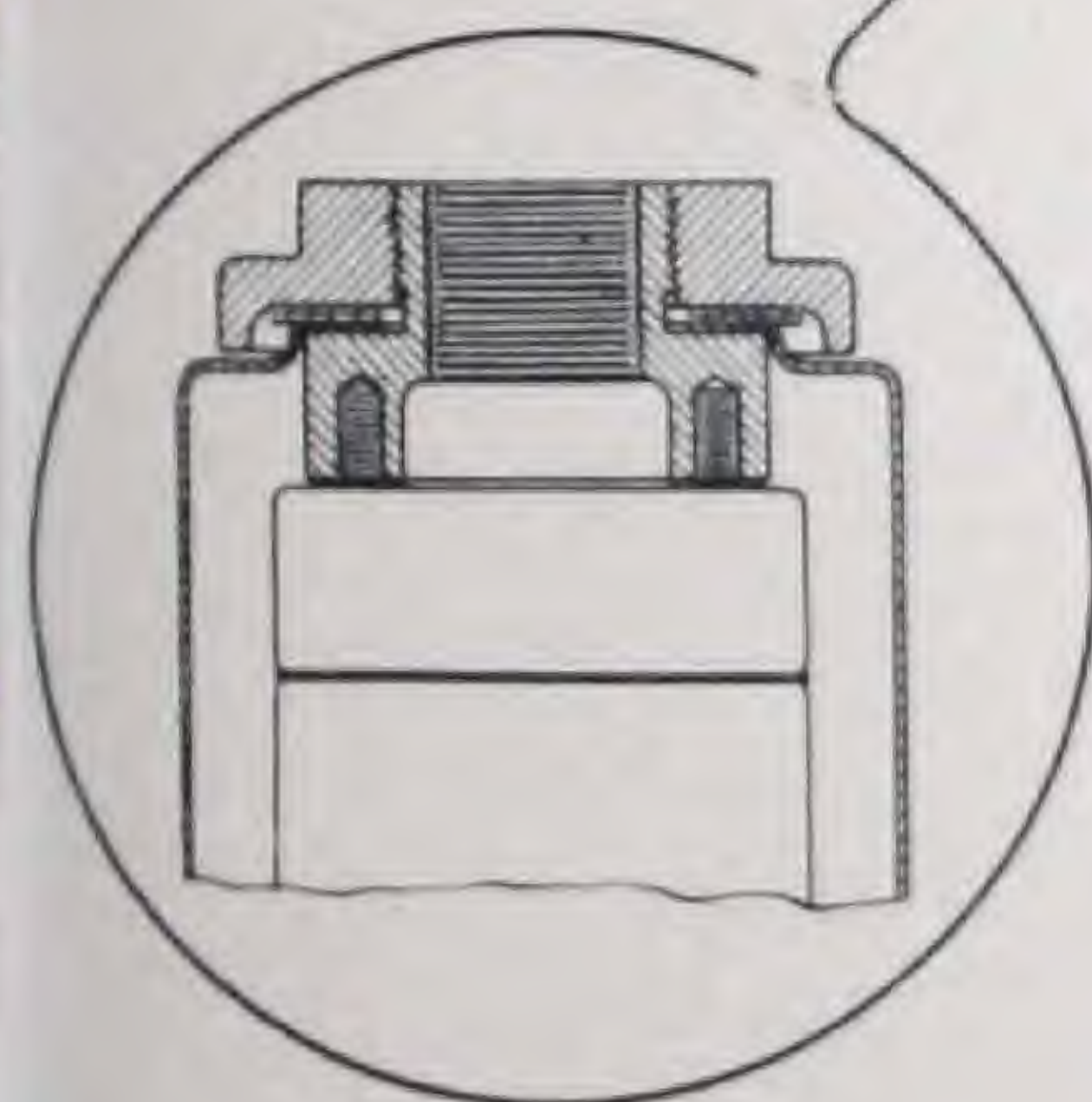
pended by $\frac{1}{2}$ -inch conduit mounting.

Approved Construction—Westinghouse One-Piece reflectors and sockets are approved by the National Board of Fire Underwriters.

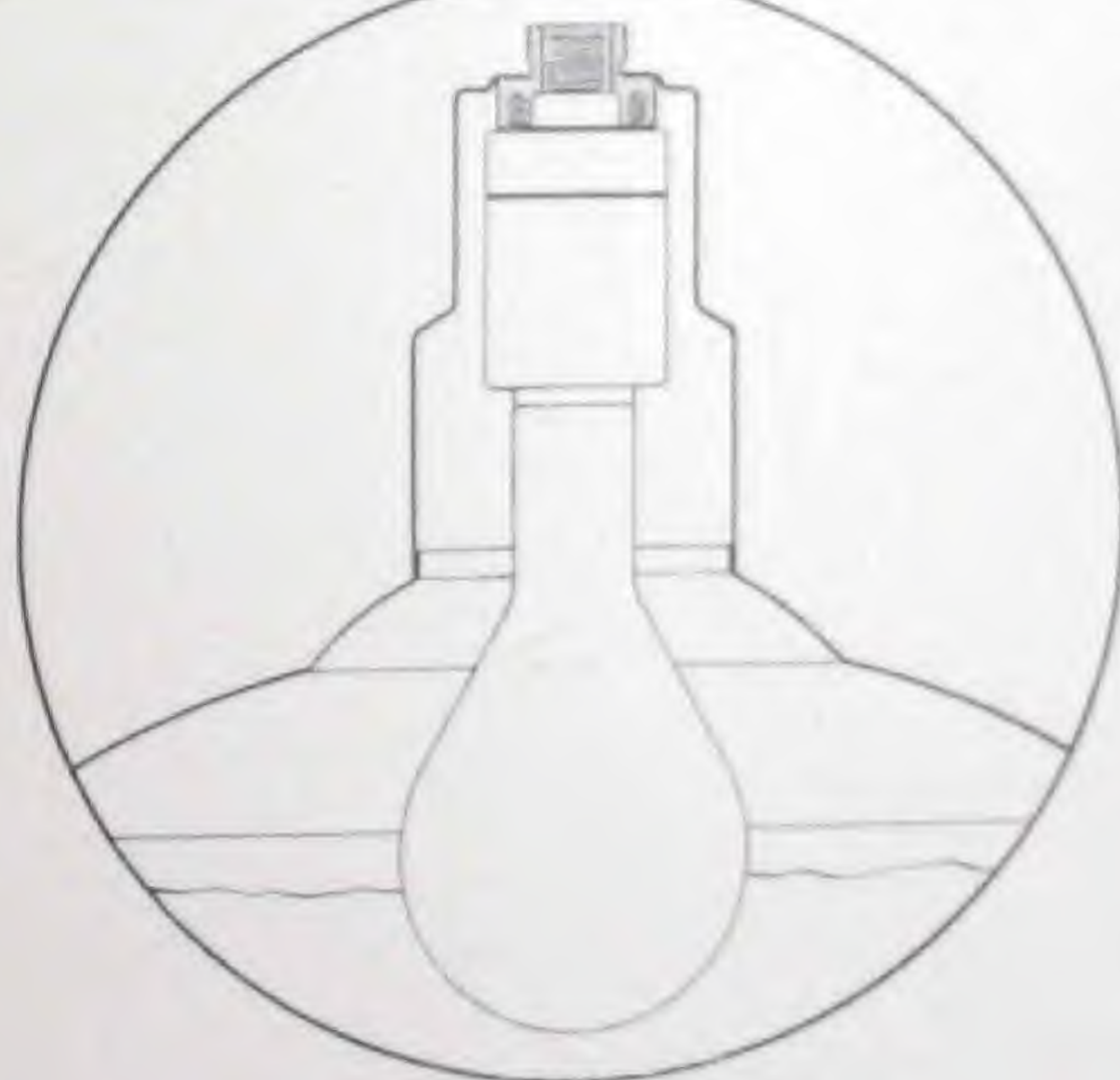
DISTINCTIVE FEATURES

Porcelain sockets—all metal parts nickel plated—cavities for terminal plates and fastening screws sealed with silax—all screws cadmium plated.

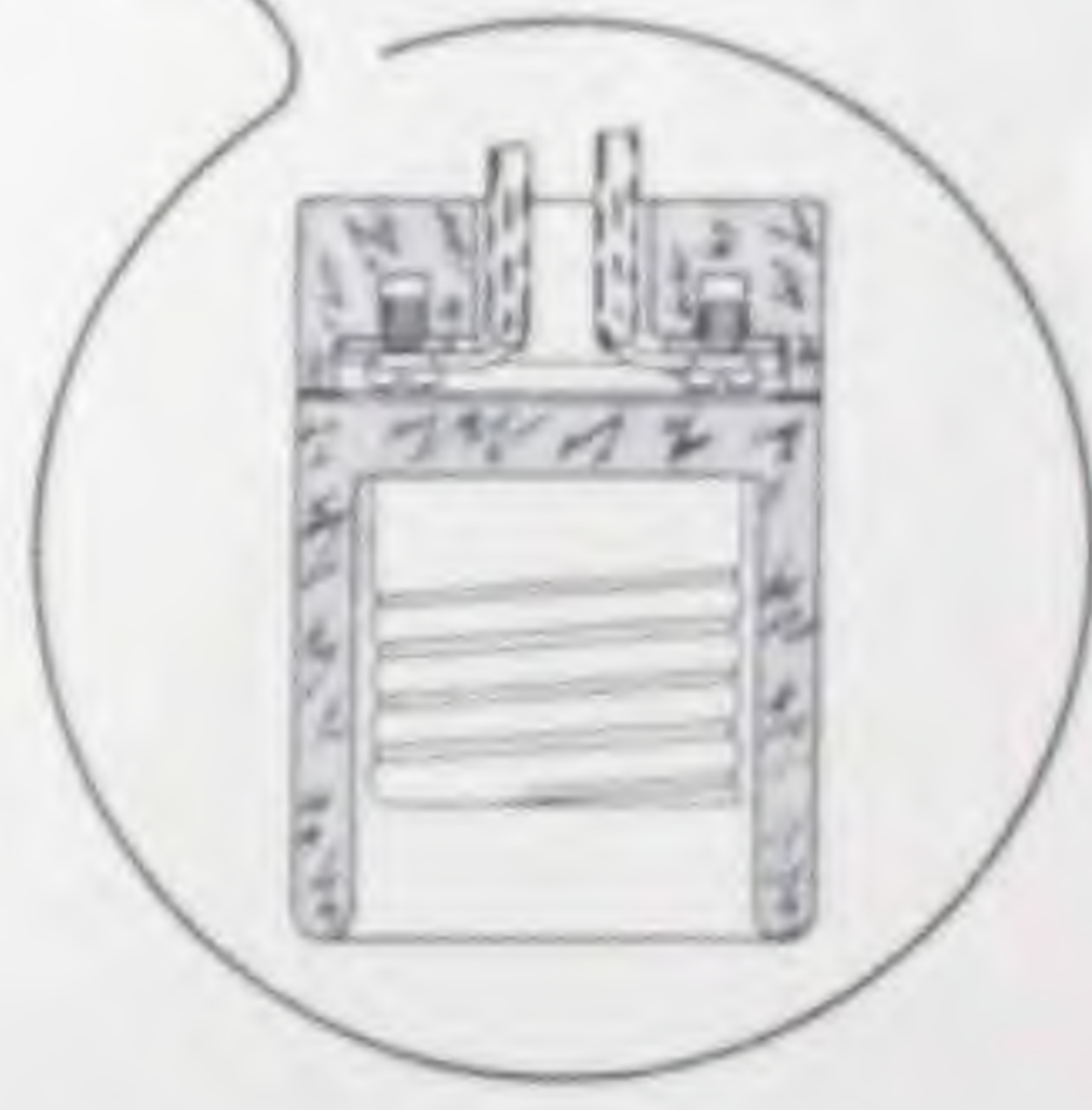
Caps for $\frac{1}{2}$ -inch conduit mounting of cast iron protected by hot galvanizing.



1. Unit is weatherproof.
2. Gasket between cap and reflector.
3. Cap has left hand thread which permits tightening of cap when mounted on conduit.



Positive connection of reflector and socket insures correct position of light center for efficient distribution of light.



Two-piece porcelain socket.

FOR DESCRIPTION of reflecting surface, application, and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl, and Symmetrical Angle Reflectors used with these sockets, see Types of Reflectors, pages 3 and 4, Section 61-125.

ONE-PIECE REFLECTOR-SOCKET FIXTURE

For 1/2-Inch Conduit Mounting

—Continued

Shock Absorbing Sockets

Shock Absorbing Sockets can be furnished with one-piece Reflector-Socket Fixtures at a small increase in price. Specify "Similar to Style No. (.....) except with shock absorbing socket."

Pull Chain Sockets

Pull Chain Sockets can be furnished with one-piece Reflector Socket Fixtures at an increased price. Specify "Similar to Style No. (.....) except with pull chain socket."



ONE-PIECE RLM REFLECTOR SOCKET
FIXTURE



ONE-PIECE SHALLOW DOME REFLECTOR
SOCKET FIXTURE



ONE-PIECE DEEP BOWL REFLECTOR
SOCKET FIXTURE



ONE-PIECE SYMMETRICAL ANGLE REFLEC-
TOR SOCKET FIXTURE

COMPLETE UNITS

Lamp Size in Watts	Diameter Inches	Depth Inches	—STANDARD PKG.— Quantity Wt. Lbs.	Style No.
One-Piece RLM Dome Reflector and Socket				
50-60	12	7 3/4	10 25	349570
75-100	12	8 1/4	10 25	349571
150	14	9 1/4	10 30	349572
200	16	10 1/2	10 35	349573
300-500	18	12 1/2	5 30	349574
750-1000	20	15 1/2	5 35	349575

One-Piece Shallow Dome Reflector and Socket

50-60	12	6 1/2	10 25	788050
75-100	12	7 1/2	10 25	788051
150	14	8 3/8	10 30	785129
200	16	9 1/2	10 35	788052
300-500	18	11 3/8	5 30	788053

One-Piece Deep Bowl Reflector and Socket

50-60	7	7 3/4	10 20	788054
75-100	8	8 3/4	10 25	788055
200	10	10 3/4	10 30	788056
300-500	12	13	5 20	788057
750-1000	15	16 3/8	5 30	788058

One Piece Symmetrical Angle Reflector and Socket

50-100	8	10	10 25	788060
150-200	10	13 1/4	10 30	787790
300-500	12	16 1/2	5 20	788061
750-1000	15	21	5 30	788059

BAYONET HEEL REFLECTORS AND SOCKETS

Application—The Westinghouse Bayonet Heel Reflector and Socket—an exclusive Westinghouse industrial lighting unit—gives excellent light for either interior or exterior application.

Methods of Attachment—The units may be suspended:

1. On $\frac{1}{2}$ -inch or $\frac{3}{4}$ -inch conduit.
2. Directly from the outlet box.
3. On reinforced drop cord, by using porcelain bushings.

Ease of Installation—Complete unit can be installed by one man in three minutes.

Interchangeability—Reflectors for medium-base lamps may be used with any socket for medium-base lamps. Reflectors for mogul-base lamps may be used with any socket for mogul-base lamps.

Approved Construction—Westinghouse Bayonet Heel Reflectors and Sockets are approved by the National Board of Fire Underwriters.

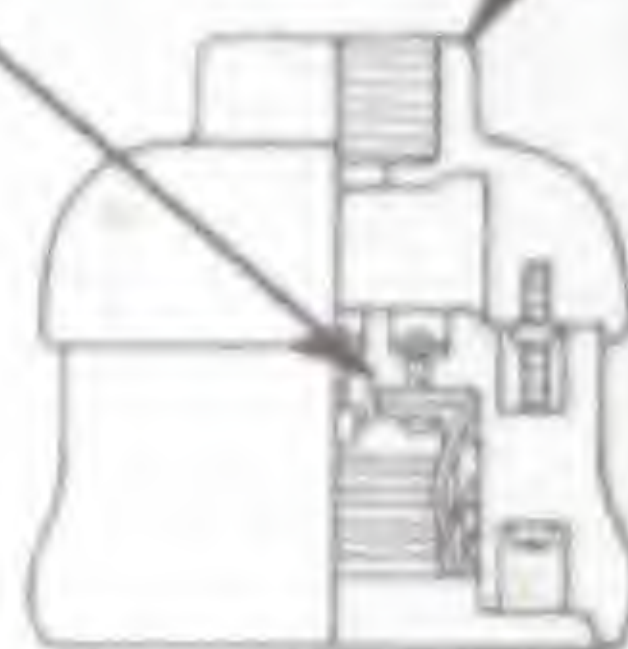
Distinctive Features

Three- or four-inch outlet box cover, of heavy sheet-steel and protected with 2 coats of green baked enamel.



Easy-to-wire socket—nothing in the way of the screwdriver.

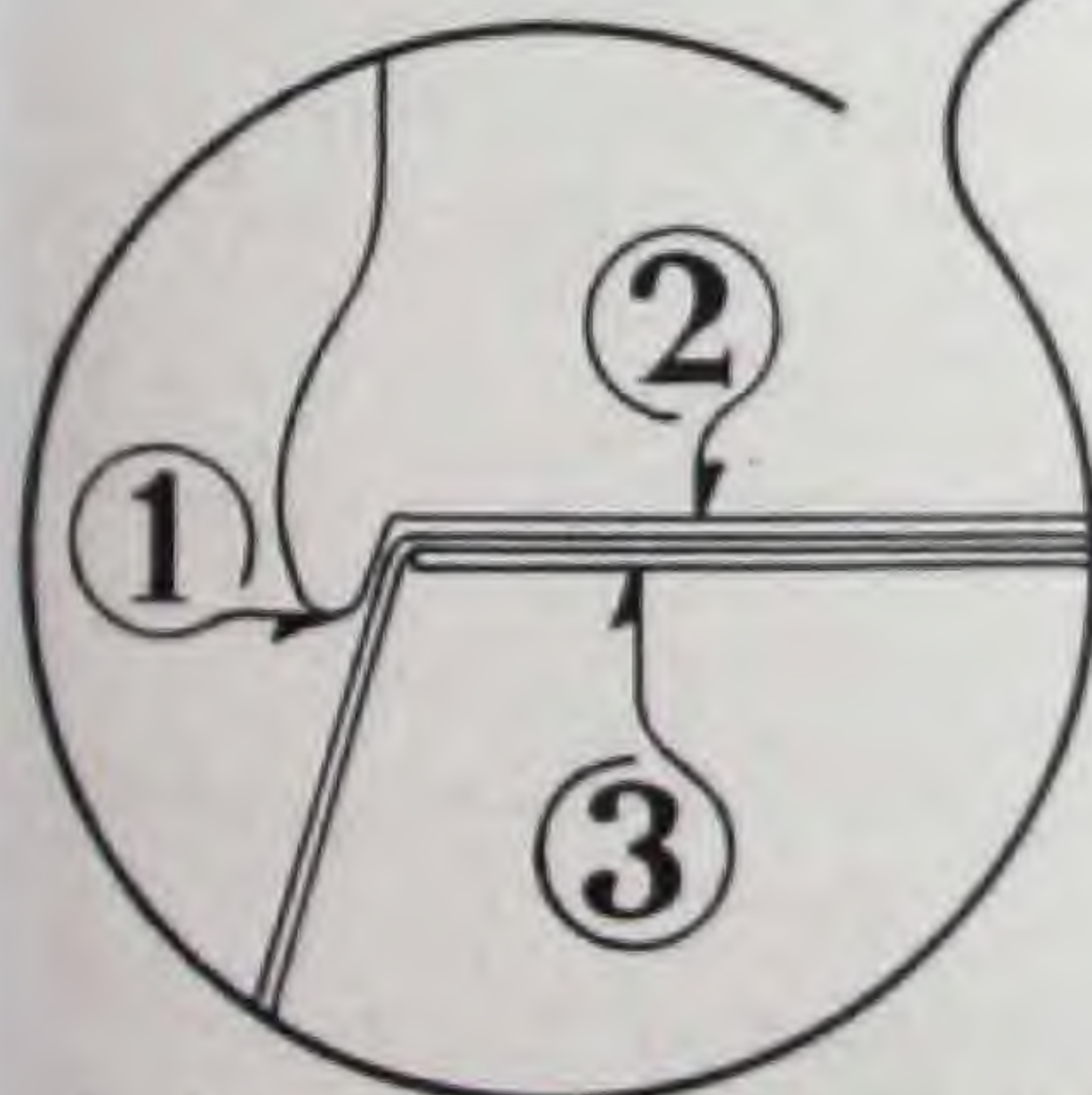
Porcelain sockets—all metal parts nickel-plated—cavities for terminal plates and fastening screws sealed with silas—all screws cadmium-plated.



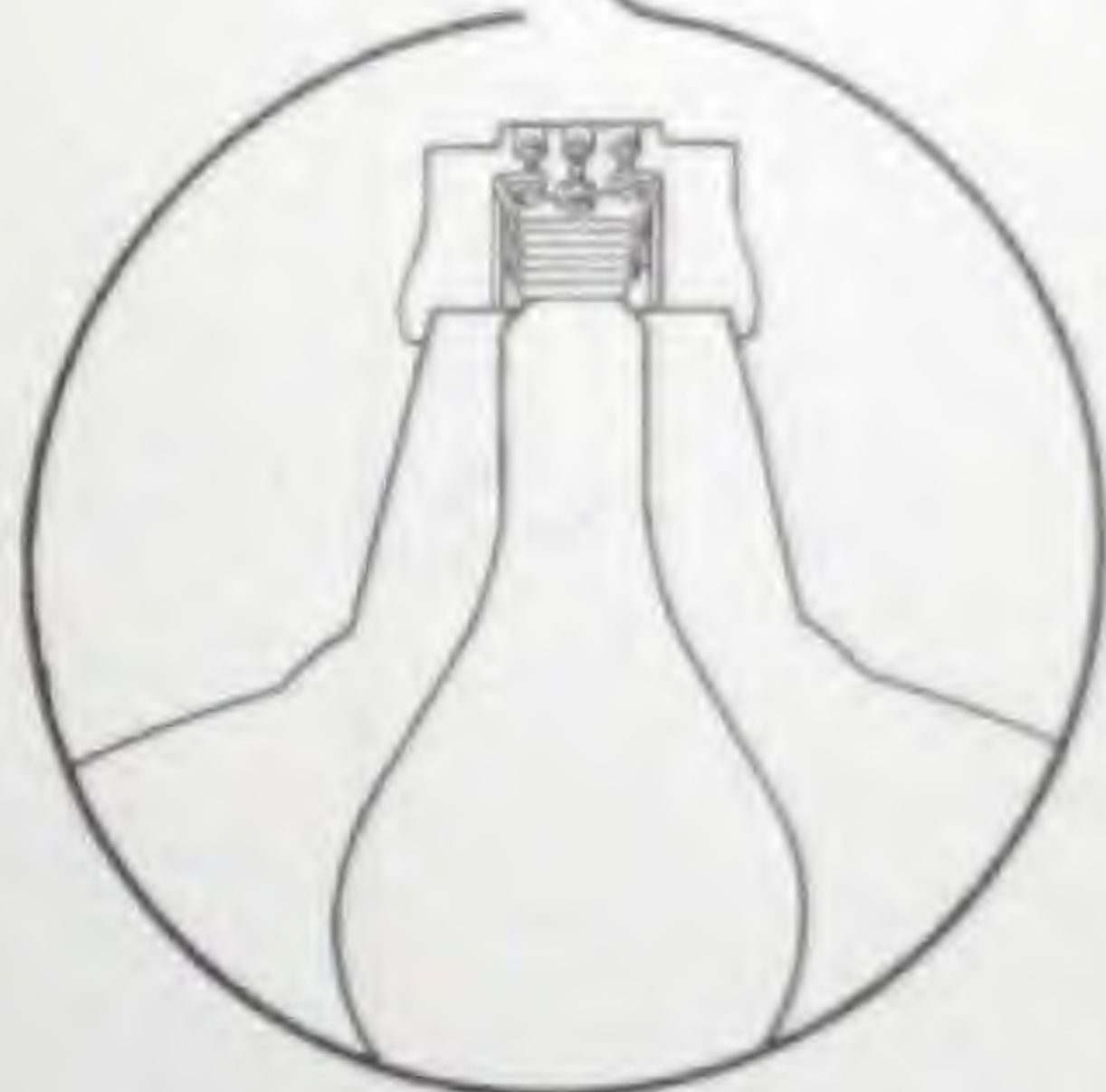
Caps for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit, of cast-iron—and protected with 2 coats of green baked enamel.



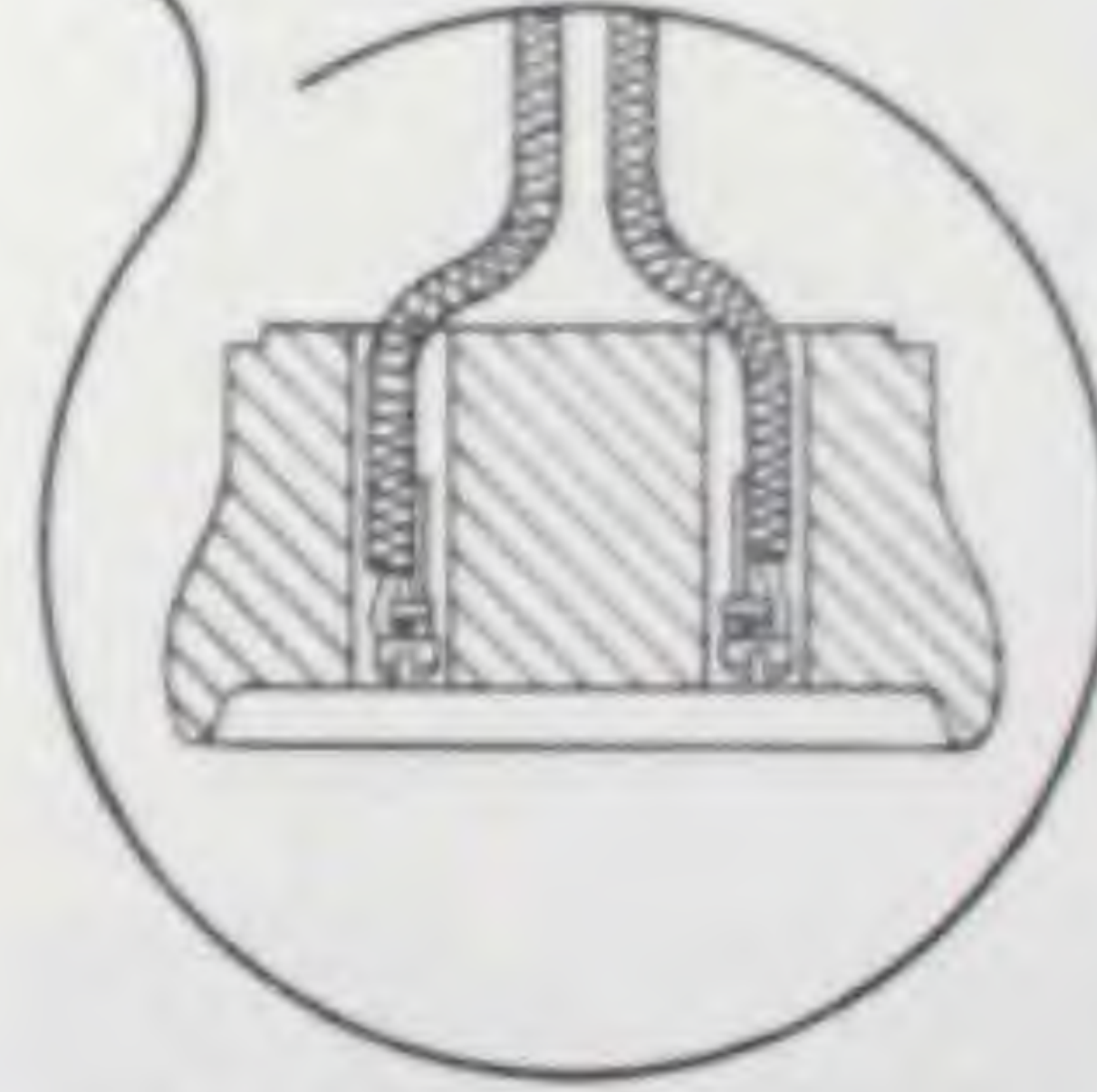
Simple and positive bayonet attachment of socket and reflector.



1. A water-drip that makes the units weatherproof.
2. A fiber gasket between heel and sockets for safety.
3. A copper washer protects porcelain.



Positive connection of reflector and socket insures correct position of light-center for efficient distribution of light.



No wires to be stuffed back, nor lock nuts nor washers to adjust, simply thread wires through straight holes to binding screws.

FOR DESCRIPTION of reflecting surface, application, light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl, and Symmetrical Angle Reflectors used with these sockets, see Types of Reflectors, pages 3 and 4, Section 61-125.

BAYONET HEEL REFLECTORS AND SOCKETS

—Continued



OUTLET BOX SOCKET

LAMP SIZE— In Watts	Base	Depth Inches	STD. PKG. Quan- tity	Wt. Lbs.	Style No.
------------------------	------	-----------------	----------------------------	-------------	--------------

OUTLET BOX SOCKET

25-200	Medium	1 3/4	10	16	336389
300-1000	Mogul	2 3/4	5	13	336393

REFLECTORS ONLY



RLM DOME REFLECTOR

Lamp Size In Watts	REFLECTOR— Diam- eter	—STD. PKG.— Quan- tity	Wt. Lbs.	Style No.
--------------------------	-----------------------------	------------------------------	-------------	--------------

RLM DOME REFLECTORS

50-60	12	4 3/4	10	25	W306050
75-100	12	5 1/8	10	25	W306075
150	14	6 3/8	10	30	W306150
200	16	7 1/2	10	35	W306200
300-500	18	8	5	30	W306500
750-1000	20	11	5	35	W306000

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	Complete Unit Depth	Complete Unit Style No.
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RLM DOME REFLECTORS
With Outlet Box Sockets

50-60	12	6 1/2	343706
75-100	12	6 3/8	343707
150	14	8 1/8	343708
200	16	9 1/4	343709
300-500	18	10 3/4	343710
750-1000	20	13 3/4	343711



SHALLOW DOME REFLECTOR

SHALLOW DOME REFLECTORS

50-60	12	3 3/4	10	20	W303060
75-100	12	4 3/4	10	25	W303075
150	14	5 5/8	10	30	788223
200	16	6 3/8	10	35	787576
300-500	18	7 3/4	5	30	W303500

SHALLOW DOME REFLECTORS
With Outlet Box Sockets

50-60	12	5 1/2	343525
75-100	12	6 1/2	343526
150	14	7 3/8	789100
200	16	8 1/8	789101
300-500	18	10 1/2	343104



DEEP BOWL REFLECTOR

DEEP BOWL REFLECTORS

50-60	7	5	10	15	W307060
75-100	8	6 1/8	10	18	W307075
150-200	10	8 1/4	10	25	W307200
300-500	12	9 1/2	5	20	W307500
750-1000	15	12 1/8	5	30	W307000

DEEP BOWL REFLECTORS
With Outlet Box Sockets

50-60	7	6 3/4	343753
75-100	8	7 7/8	343754
150-200	10	10	343756
300-500	12	12 1/4	343757
750-1000	15	14 7/8	343758



SYMMETRICAL ANGLE REFLECTOR

SYMMETRICAL ANGLE
REFLECTORS

50-100	8	6 1/4	10	15	W304060
150-200	10	9	10	25	W304200
300-500	12	12 3/8	5	20	W304500
750-1000	15	15 3/4	5	30	W304000

SYMMETRICAL ANGLE
REFLECTORS

With Outlet Box Sockets

50-100	8	8	343796
150-200	10	10 3/4	343797
300-500	12	15 3/8	343798
750-1000	15	18 1/2	343799



1/2- OR 3/4-INCH CONDUIT SOCKET

LAMP SIZE— In Watts	Base	Depth Inches	STANDARD PKG. Quantity	Wt. Lbs.	1/2-Inch Conduit Style No.	3/4-Inch Conduit Style No.
1/2- OR 3/4-INCH CONDUIT SOCKETS						
25-200	Medium	2 3/4	10	16	336387	336388
300-1000	Mogul	4	5	13	336391	336392



90-DEGREE CONDUIT SOCKET

LAMP SIZE In Watts	Base	Depth Inches	STANDARD PKG. Quantity	Wt. Lbs.	90° Conduit Style No.
90 DEGREE CONDUIT SOCKET					
25-200	Medium	3 1/4	10	16	786742

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	Complete Unit Depth	STYLE NO. 1/2-Inch Conduit	3/4-Inch Conduit
RLM DOME REFLECTORS				
With 1/2- and 3/4-Inch Conduit Sockets				
50-60	12	7 1/2	343700	786275
75-100	12	7 7/8	343701	786276
150	14	9 1/8	343702	786277
200	16	10 1/4	343703	786278
300-500	18	12	343704	786279
750-1000	20	15	343705	786280

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	Complete Unit Depth	Complete Unit Style No.
RLM DOME REFLECTORS			
With 90° Conduit Sockets			
50-60	12	8	789106
75-100	12	8 3/8	789107
150	14	9 1/8	789108
200	16	10 1/4	789109

SHALLOW DOME REFLECTORS

With 1/2- and 3/4-Inch Conduit Sockets

50-60	12	6 1/2	343522	786281
75-100	12	7 1/2	343523	786282
150	14	8 3/8	789102	789104
200	16	9 1/8	789103	789105
300-500	18	11 3/4	343102	786285

SHALLOW DOME REFLECTORS

With 90° Conduit Sockets

50-60	12	8 3/4	789110
75-100	12	9 3/4	789111
150	14	8 7/8	789112
200	16	9 5/8	789113

DEEP BOWL REFLECTORS

With 1/2- and 3/4-Inch Conduit Sockets

50-60	7	7 3/4	343747	786286
75-100	8	8 7/8	343748	786287
150-200	10	11	343750	786289
300-500	12	13 1/2	343751	786290
750-1000	15	16 1/8	343752	786291

DEEP BOWL REFLECTORS

With 90° Conduit Sockets

50-60	7	8 3/4	789114
75-100	8	9 3/8	789115
150-200	10	11 1/2	789116

SYMMETRICAL ANGLE REFLECTORS

With Sockets

50-100	8	9	343791	786293
150-200	10	11 1/4	343792	786294
300-500	12	16 5/8	343793	786295
750-1000	15	19 3/4	343794	786296

SYMMETRICAL ANGLE REFLECTORS

With 90° Conduit Sockets

50-100	8	9 1/2	789117
150-200	10	12 1/4	789118



STANDARD HEEL REFLECTORS AND SOCKETS

Application—The Standard Heel Reflector and Socket gives excellent light for either interior or exterior application.

Methods of Attachment—The units may be suspended:

1. On $\frac{1}{2}$ -inch or $\frac{3}{4}$ -inch conduit.
2. Directly from an outlet box.
3. On reinforced drop cord, by using porcelain bushings.
4. On brass shell or porcelain sockets by means of shade holders.

Ease of Installation—Complete unit can be installed by one man in three minutes.

Interchangeability—Different shaped reflectors for medium-base lamps may be used with any socket for medium-base lamps. Likewise, different shaped reflectors for mogul-base lamps may be used with any socket for mogul-base lamps.

Approved Construction—Westinghouse Standard Heel Reflectors and Sockets are approved by the National Board of Fire Underwriters.

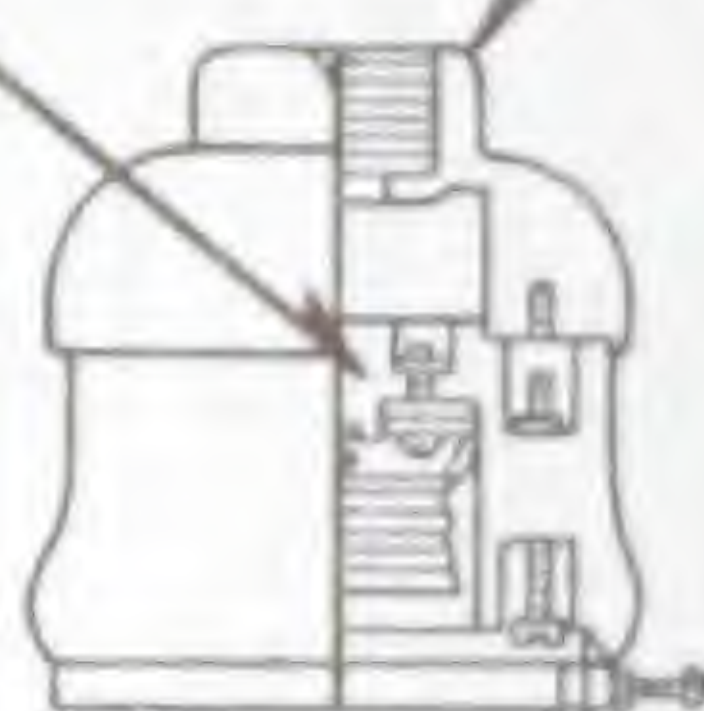
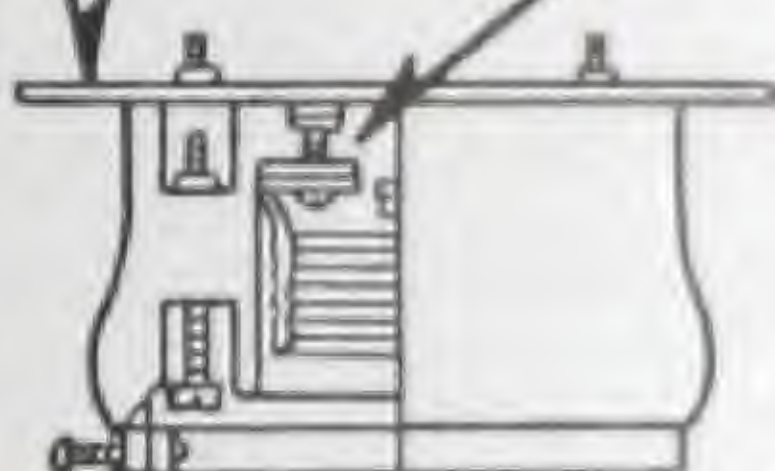
Distinctive Features

Three- and four-inch outlet box cover of heavy sheet-steel protected with 2 coats of green baked enamel.



Easy-to-wire socket—nothing in the way of the screwdriver

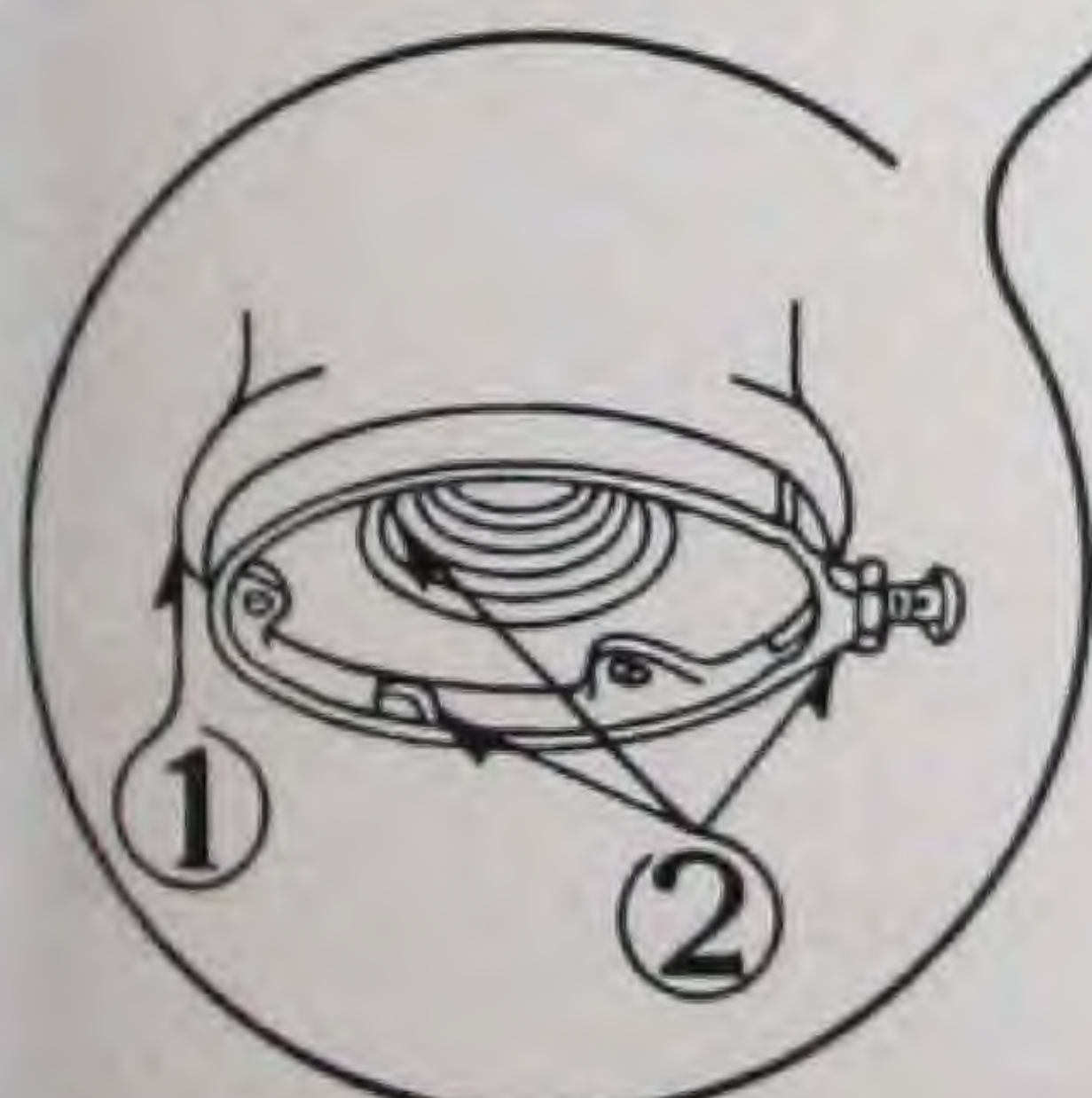
Porcelain sockets—all metal parts nickel-plated—cavities for terminal plates and fastening screws sealed with silax—all screws cadmium-plated.



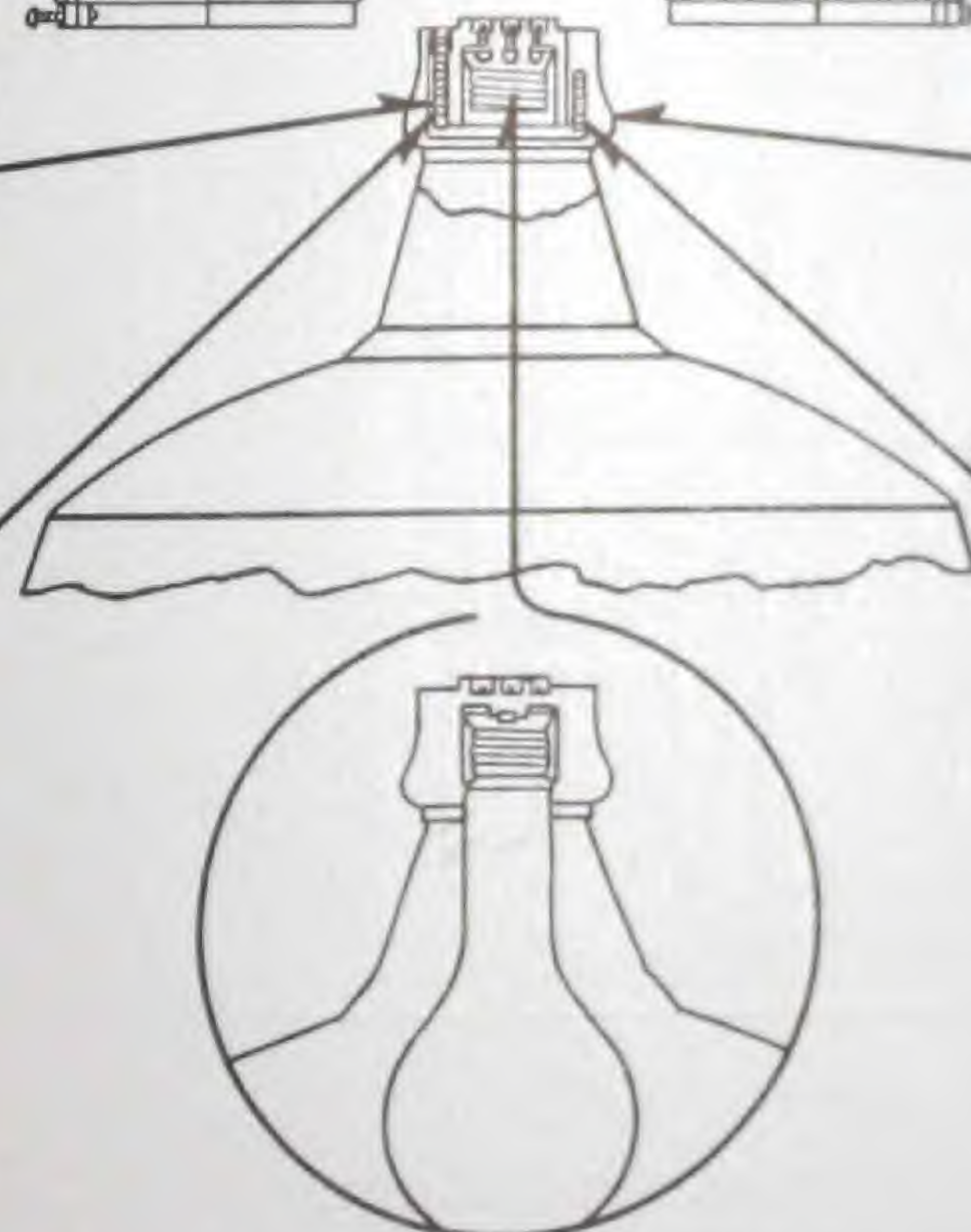
Caps for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit of cast-iron protected with 2 coats of green baked enamel.



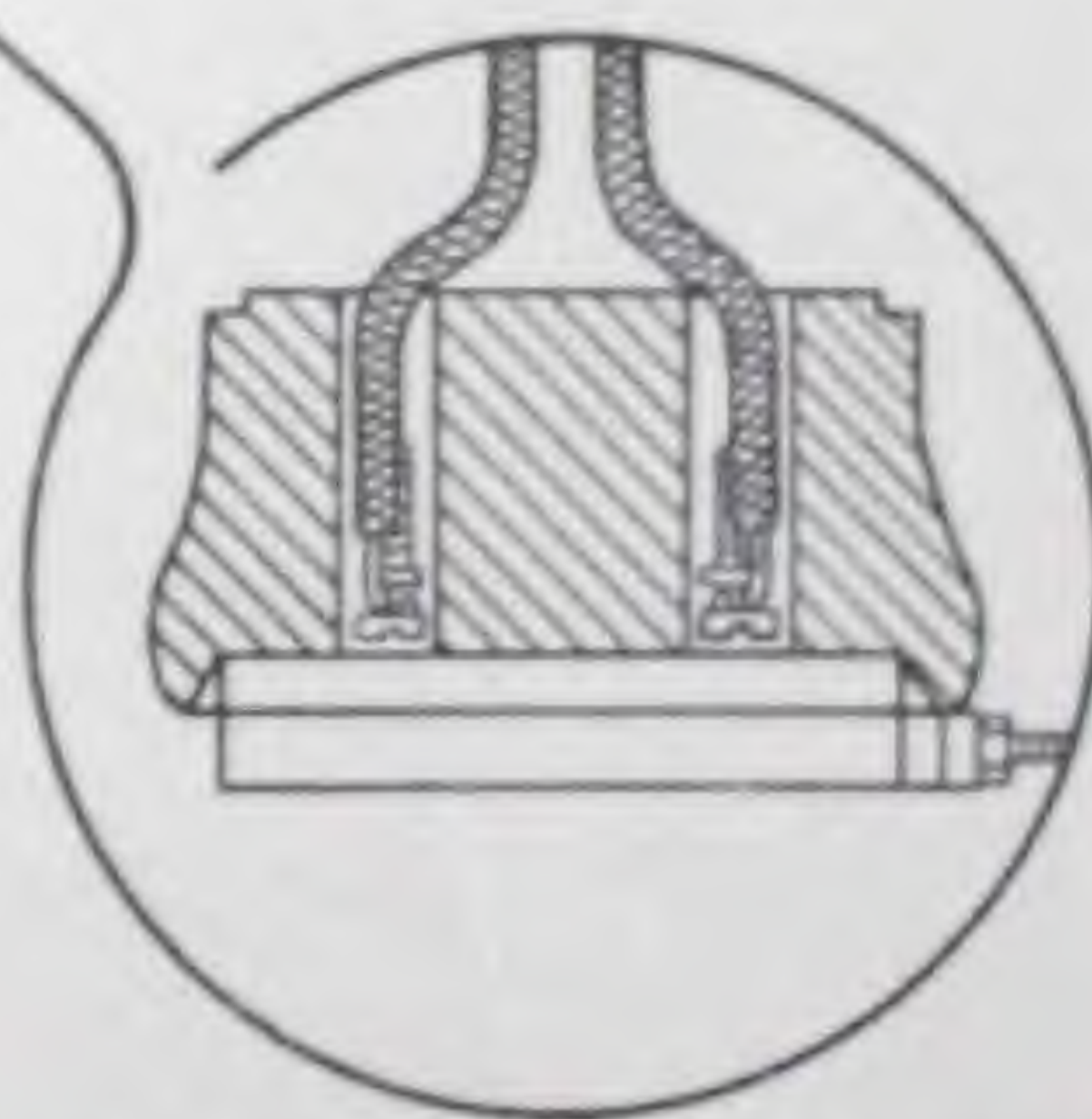
Simple and positive attachment of socket and reflector.



1. A water-drip that makes the units weatherproof. 2. Three-point suspension with a heavy copper heel protector screw and lock nut for safety.



Positive connection of reflector and socket insures correct position of light-center for efficient distribution of light.



No wires to be stuffed back, nor lock nuts or washers to adjust, simply thread wires through straight holes to binding screws.

FOR DESCRIPTION of reflecting surface, application, and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl, and Symmetrical Angle Reflectors used with these sockets, see Types of Reflectors, pages 3 and 4, Section 61-125.

STANDARD HEEL REFLECTORS AND SOCKETS

—Continued



OUTLET BOX SOCKET

OUTLET BOX SOCKET

LAMP SIZE In Watts	Depth Base	STD. PKG. Inches	Quan.	Wt. Lbs.	Style No.
25-200 Medium	2 1/4	10	19		336319
300-1000 Mogul	3 1/2	5	15		336320



RLM DOME REFLECTOR

REFLECTORS ONLY

Lamp Size in Watts	Ref. Dia.	Ref. Depth	STD. PKG. Quan- tity	Wt. Lb.	Style No. Ref.
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RLM DOME REFLECTORS

50-60	12	4 3/8	10	25	W326050
75-100	12	5	10	25	W326075
150	14	6 1/4	10	30	W326150
200	16	7 3/8	10	35	W326200
300-500	18	7 1/8	5	30	W336500
750-1000	20	10 1/2	5	35	W336000

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	Complete Unit Depth	Style No. Complete Unit
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RLM DOME REFLECTORS

With Outlet Box Sockets

50-60	12	6 5/8	343718
75-100	12	7 1/4	343719
150	14	8 1/2	343720
200	16	9 5/8	343721
300-500	18	10 5/8	343722
750-1000	20	14	343723



SHALLOW DOME REFLECTOR

SHALLOW DOME REFLECTORS

25-40	10	3 5/8	10	15	W323040
50-60	12	3 3/8	10	25	W323060
75-100	12	4 3/8	10	25	W323075
150	14	5 3/8	10	30	788227
200	16	6 1/2	10	35	787577

SHALLOW DOME REFLECTORS

With Outlet Box Sockets

25-40	10	5 7/8	343532
50-60	12	5 7/8	343533
75-100	12	6 5/8	343534
150	14	7 5/8	789121
200	16	8 3/4	789122



DEEP BOWL REFLECTOR

DEEP BOWL REFLECTORS

25-40	5	4 1/2	10	12	789203
50-60	7	5	10	15	W327060
75-100	8	5 1/2	10	20	W327075
150	8	6 1/8	10	20	W327150
200	10	7 1/8	10	25	W327200
300-500	12	8 1/8	5	20	788504
750-1000	15	12 1/8	5	30	W337000

DEEP BOWL REFLECTORS

With Outlet Box Sockets

25-40	5	6 3/4	789123
50-60	7	7 1/4	343765
75-100	8	7 3/4	343766
150	8	9 1/8	343767
200	10	10 1/8	343768
300-500	12	12	789124
750-1000	15	15 5/8	343770



SYMMETRICAL ANGLE REFLECTOR

SYMMETRICAL ANGLE
REFLECTORS

25-40	7	5 1/2	10	10	789119
50-60	8	6	10	15	789120
75-100	8	6 5/8	10	15	W324060
150-200	10	9 1/8	10	25	W324200
300-500	12	11 5/8	5	20	W334500
750-1000	15	15 1/2	5	30	W334000

SYMMETRICAL ANGLE
REFLECTORS

With Outlet Box Sockets

25-40	7	7 3/4	789125
50-60	8	8 1/4	789126
75-100	8	8 7/8	343506
150-200	10	11 5/8	343507
300-500	12	15 1/8	343508
750-1000	15	19	343509



1/2- OR 3/4-INCH CONDUIT SOCKET



90-DEGREE CONDUIT SOCKET

1/2 AND 3/4-INCH CONDUIT SOCKETS

Lamp Size In Watts	Base	Depth Inches	STANDARD PKG. Quantity	Wt. Lbs.	1/2-Inch Conduit Style No.	3/4-Inch Conduit Style No.
25-200	Medium	3 1/4	10	19	336215	336398
300-1000	Mogul	4 3/4	5	15	336219	336402

90 DEGREE CONDUIT SOCKET

LAMP SIZE In Watts	Base	Depth Inches	STANDARD PKG. Quantity	Wt. Lbs.	90° Conduit Style No.
25-200	Medium	3 5/8	10	19	786779

COMPLETE UNITS

Lamp Size in Watts	REFLECTOR Diameter	DIMENSIONS IN. Complete Unit Depth	STYLE NO. 1/2-Inch Conduit	3/4-Inch Conduit
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RLM DOME REFLECTORS

With 1/2 And 3/4-Inch Conduit Sockets

50-60	12	7 5/8	343712	786297
75-100	12	8 1/4	343713	786298
150	14	9 1/2	343714	786299
200	16	10 3/8	343715	786300
300-500	18	11 7/8	343716	786301
750-1000	20	15 1/4	343717	786302

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	Complete Unit Depth	Complete Unit Style No.
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RLM DOME REFLECTORS

With 90° Conduit Sockets

50-60	12	8	789139
75-100	12	8 5/8	789140
150	14	9 3/8	789141
200	16	11	789142

SHALLOW DOME REFLECTORS

With 1/2 And 3/4-Inch Conduit Sockets

25-40	10	6 7/8	343528	786303
50-60	12	6 7/8	343529	786304
75-100	12	7 5/8	343530	786305
150	14	8 5/8	789127	789129
200	16	9 3/4	789128	789130

SHALLOW DOME REFLECTORS

With 90° Conduit Sockets

25-40	10	7 1/4	789143
50-60	12	7 1/4	789144
75-100	12	8	789145
150	14	9	789146
200	16	10 1/8	789147

DEEP BOWL REFLECTORS

With 1/2 And 3/4-Inch Conduit Sockets

25-40	5	7 3/4	789131	789132
50-60	7	8 1/4	343759	786307
75-100	8	8 3/4	343760	786308
150	8	10 1/8	343761	786309
200	10	11 1/8	343762	786310
300-500	12	13 1/4	789133	789134
750-1000	15	16 7/8	343764	786312

DEEP BOWL REFLECTORS

With 90° Conduit Sockets

25-40	5	8 1/8	789148
50-60	7	8 5/8	789149
75-100	8	9 1/8	789150
150	8	10 1/2	789151
200	10	11 1/2	789152

SYMMETRICAL ANGLE REFLECTORS

With 1/2 And 3/4-Inch Conduit Sockets

25-40	7	8 3/4	789135	789137
50-60	8	9 1/4	789136	789138
75-100	8	9 3/8	343501	786314
150-200	10	12 3/8	343502	786315
300-500	12	16 3/8	343503	786316
750-1000	15	20 1/4	343504	786317

SYMMETRICAL ANGLE REFLECTORS

With 90° Conduit Sockets

25-40	7	9 1/8	789153
50-60	8	9 3/4	789154
75-100	8	10 1/4	789155
150-200	10	12 3/4	789156



HEAVY DUTY SCREW HEEL REFLECTORS AND SOCKETS

Application—The Westinghouse Heavy Duty Screw Heel Reflector and Socket is a heavy weight unit designed to meet the severe requirements of railroad and steel mill use, and other installations where lighting equipment is subjected to more than ordinary service.

Methods of Attachment—The units may be suspended:

1. a. By cast-iron hoods for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit.
- b. By porcelain-enamel steel hoods for $\frac{1}{2}$ -inch conduit, or furnished with $\frac{1}{2}$ - x $\frac{3}{4}$ -inch adapter for $\frac{3}{4}$ -inch conduit.
2. By porcelain-enameled steel hoods directly from an outlet box.
3. On reinforced drop cord, by porcelain bushings.

Ease of Installation—A front connected one-piece socket simplifies wiring—and then the reflector is simply screwed to the hood. When the cast iron hood is used the reflector heel is locked with a set-screw.

Interchangeability—Different shaped reflectors for medium-base lamps may be used with any hood for medium-base lamps—likewise, different shaped reflectors for mogul-base lamps may be used with any hoods for mogul-base lamps.

Approved Construction—Westinghouse Heavy Duty Screw Heel Reflectors and Sockets are approved by the National Board of Fire Underwriters.

Distinctive Features

Caps for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit, of cast-iron protected with 2 coats of green baked enamel.

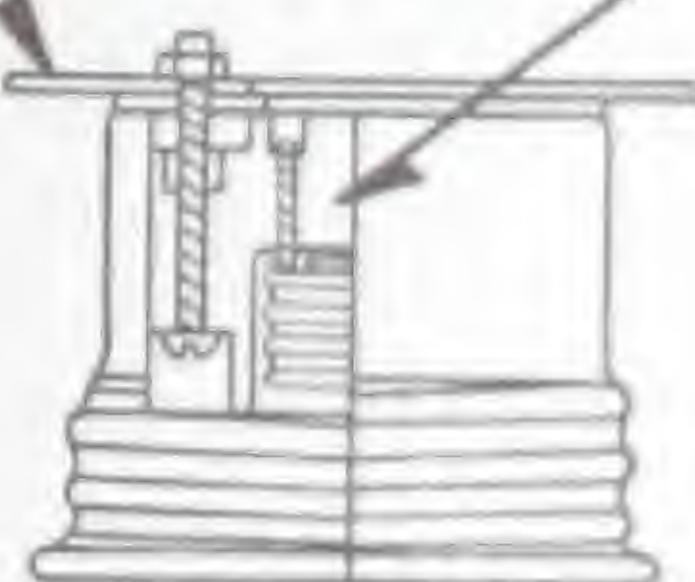
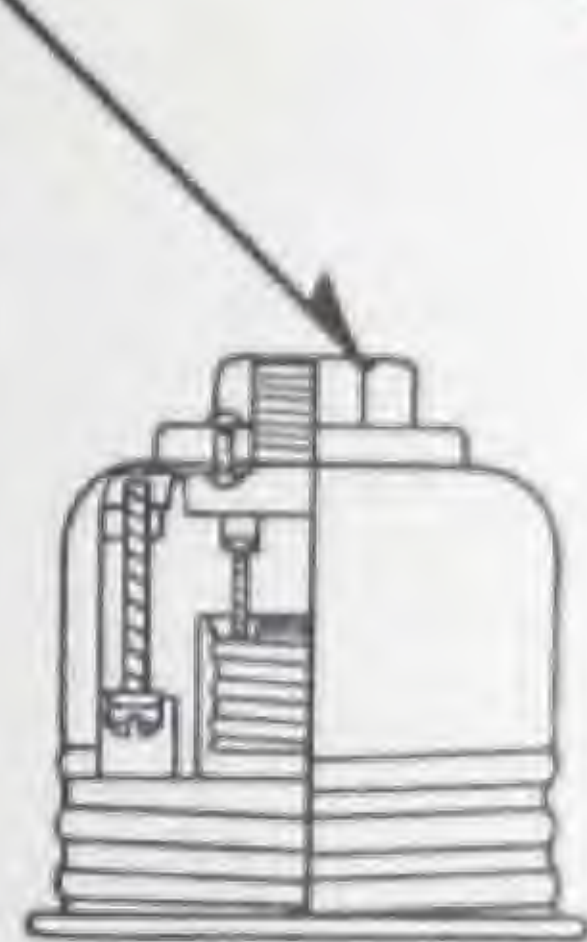
Four-inch outlet box cover of heavy sheet steel protected with 2 coats of green baked enamel.

Porcelain sockets—all metal parts nickel-plated—cavities sealed with silax-screws cadmium-plated.

One piece cast-iron hoods for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit protected with 2 coats of green baked enamel.



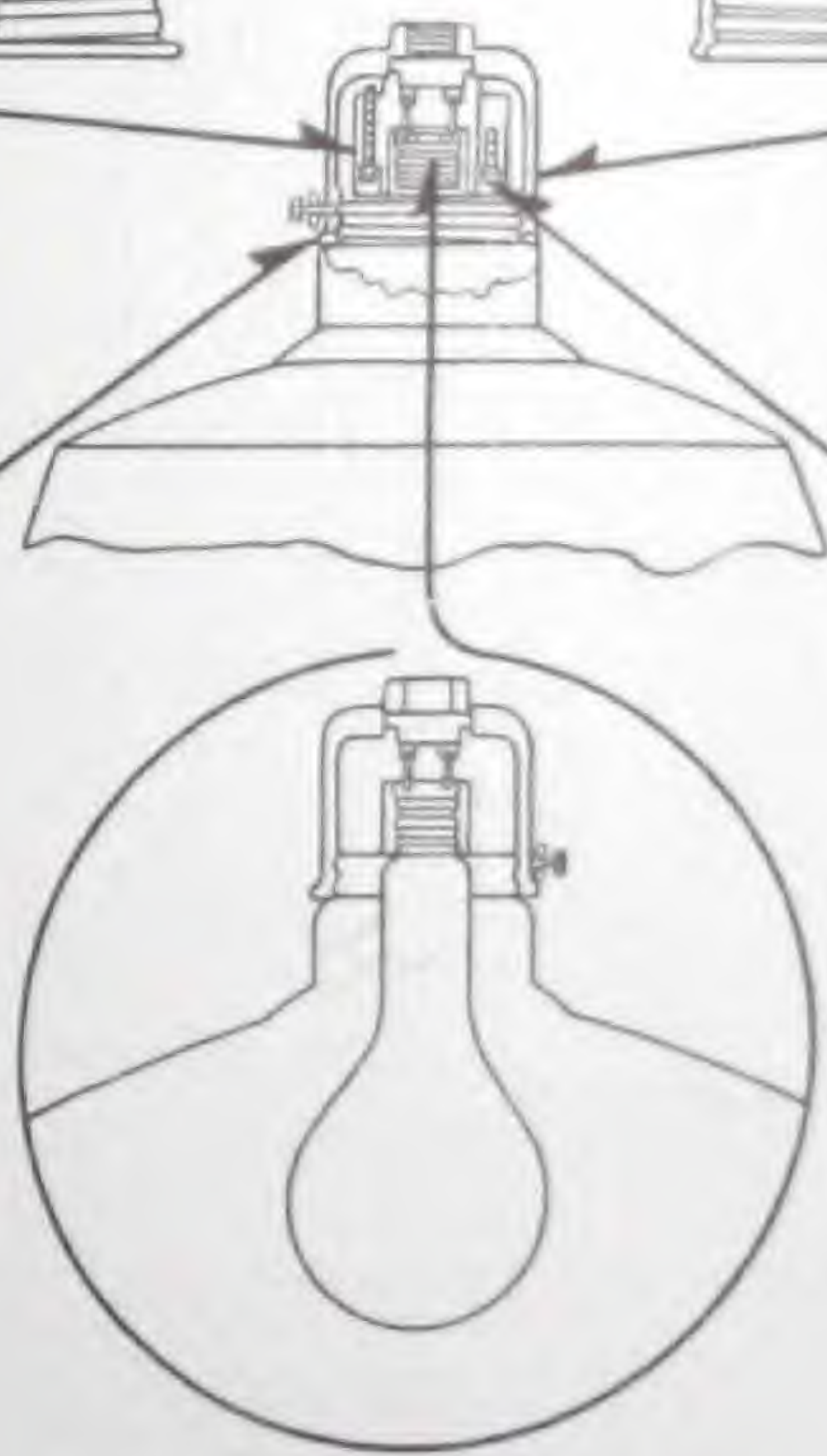
Easy-to-wire socket—front connected nothing in the way.



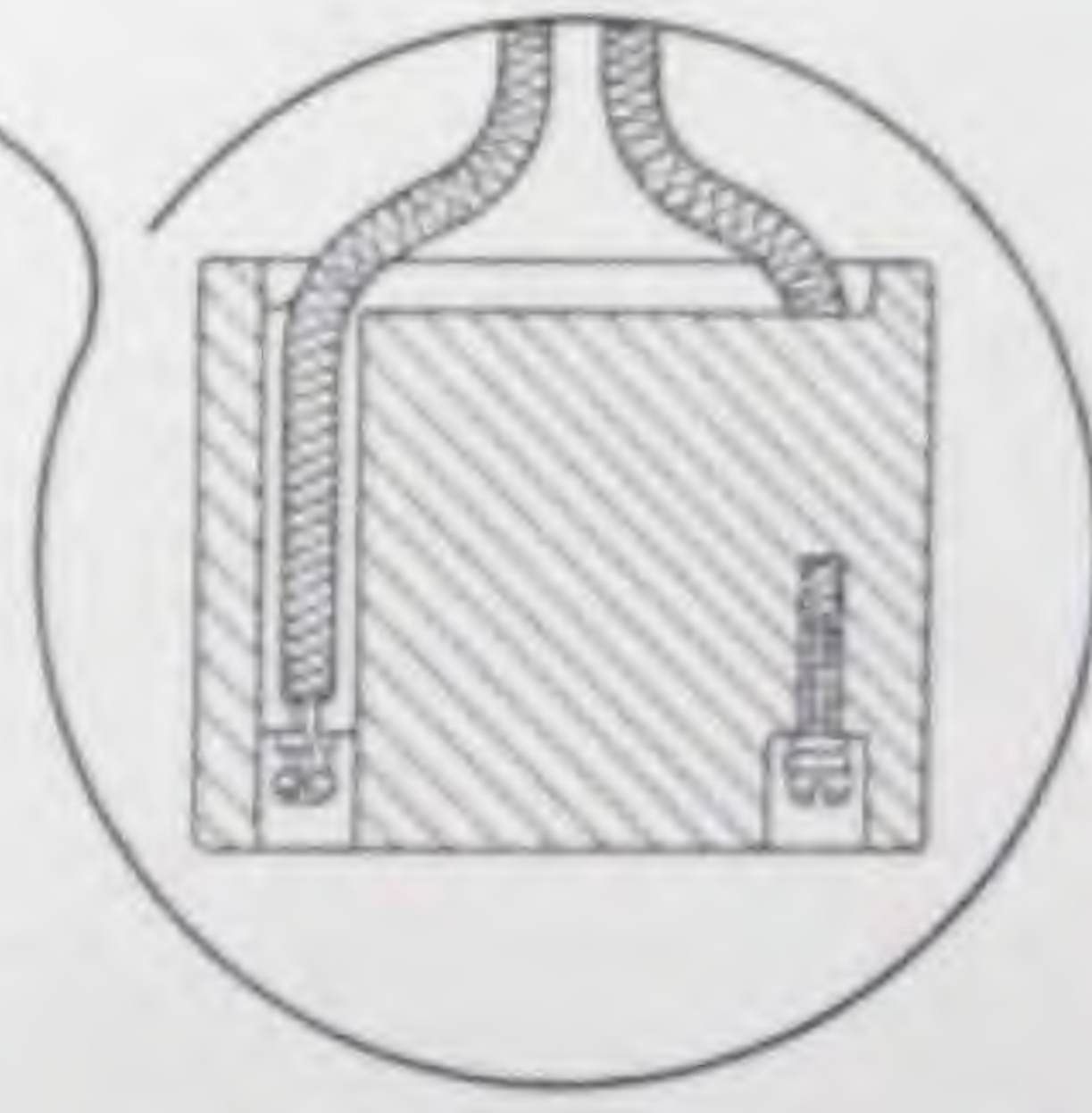
Simple and positive attachment of hood and reflector.



A one-piece cast-iron or porcelain enamel sheet-steel hood with a flange waterdrip that make these lighting units weatherproof.



Positive connection of reflector, hood and socket insures correct position of light center for efficient distribution of light.



No wires to be stuffed back, nor lock nuts nor washers to adjust, simply thread wires through straight holes to binding screws.

FOR DESCRIPTION of reflecting surface, application, and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl, and Symmetrical Angle Reflectors used with these sockets, see Types of Reflectors, pages 3 and 4, Section 61-125.

HEAVY DUTY SCREW HEEL REFLECTORS AND SOCKETS —Continued

Lamp Size in Watts	Hood Type	Base	— STANDARD PKG. —			Style No. Socket
			Quantity	Wt. Lb.	Depth In.	
HOODS WITH SHOCK ABSORBING SOCKETS						
25-200	Cast Iron for 1/2 inch Conduit....	Med.	10	20	3 7/8	786423
300-1000	Cast Iron for 1/2 inch Conduit....	Mog.	5	15	4 7/8	786424
25-200	Cast Iron for 3/4 inch Conduit....	Med.	10	20	3 7/8	786425
300-1000	Cast Iron for 3/4 inch Conduit....	Mog.	5	15	4 7/8	786426
25-200	Cast Iron for 4 inch Out. Box....	Med.	10	20	4 3/8	789157
300-1000	Cast Iron for 4 inch Out. Box....	Mog.	5	15	5 3/8	789204
25-200	Por. En. Steel for 1/2 in. Cond....	Med.	10	20	3 7/8	786427
300-1000	Por. En. Steel for 1/2 in. Cond....	Mog.	5	15	4 7/8	786428
25-200	Por. En. Steel for 3/4 in. Cond....	Med.	10	20	4 7/8	786429
300-1000	Por. En. Steel for 3/4 in. Cond....	Mog.	5	15	5 7/8	786430
25-200	Por. En. Steel for 4 in. Out. Box..	Med.	10	20	3	786431
300-1000	Por. En. Steel for 4 in. Out. Box..	Mog.	5	15	3 7/8	786432
HOODS WITH PULL CHAIN SOCKETS						
25-200	Por. En. Steel for 1/2 in. Cond....	Med.	10	20	3 7/8	349337
25-200	Por. En. Steel for 3/4 in. Cond....	Med.	10	20	4 7/8	786433
25-200	Por. En. Steel for 4 in. Out. Box..	Med.	10	20	3	349436
HOODS WITH SELF-LOCKING SOCKETS*						
25-200	Cast Iron for 1/2 inch Conduit....	Med.	10	20	3 7/8	786434
25-200	Cast Iron for 3/4 inch Conduit....	Med.	10	20	3 7/8	786435
25-200	Cast Iron for 4 in. Out. Box....	Med.	10	20	4 3/8	789158
25-200	Por. En. Steel for 1/2 in. Cond....	Med.	10	20	3 7/8	786436
25-200	Por. En. Steel for 3/4 in. Cond....	Med.	10	20	4 7/8	786437
25-200	Por. En. Steel for 4 in. Out. Box..	Med.	10	20	3	786438

*Key for releasing Lamp, Style No. 786439.

REFLECTORS ONLY



RLM DOME REFLECTOR

Lamp Size in Watts	— DIMENSIONS IN. —		— STANDARD PKG. —		Style No. Reflector
	Reflector Diameter	Reflector Depth	Quantity	Wt. Lb.	
RLM DOME REFLECTORS					
60	12	4	10	25	345928
75-100	12	4 $\frac{3}{8}$	10	25	345929
150	14	5 $\frac{3}{8}$	10	30	345930
200	16	6 $\frac{3}{8}$	10	35	345931
300-500	18	7 $\frac{1}{4}$	5	30	345932
750-1000	20	10 $\frac{1}{8}$	5	35	345933



SHALLOW DOME REFLECTOR

SHALLOW DOME REFLECTORS

75-100	12	3 3/8	10	20	349822
150	14	4 3/8	10	25	788217
200	16	5 3/8	10	30	787580
300-500	18	5 1/2	5	30	349824



DEEP BOWL REFLECTOR

DEEP BOWL REFLECTORS

75-100	8	5 3/8	10	15	349812
150	8	5 3/8	10	18	349813
200	10	7 3/8	10	25	349814
300-500	12	7 3/8	5	20	349815
750-1000	15	11 1/4	5	30	349816



SYMMETRICAL ANGLE REFLECTOR

SYMMETRICAL ANGLE REFLECTORS

100-200	10	8 3/4	10	25	349817
300-500	12	11 1/4	5	20	349818
750-1000	15	16	5	30	349819

HEAVY DUTY SCREW HEEL REFLECTORS AND SOCKETS—Continued

With Cast Iron Hoods
for $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Mounting

 $\frac{1}{2}$ - OR $\frac{3}{4}$ -INCH CAST IRON HOOD $\frac{1}{2}$ - AND $\frac{3}{4}$ -INCH CONDUIT CAST IRON HOODS

LAMP SIZE— In Watts	Base	Depth Inches	STD. PKG.— Quan. Wt. Lb.	$\frac{1}{2}$ -Inch Conduit Style No.	$\frac{3}{4}$ -Inch Conduit Style No.
25-200	Medium	3 $\frac{7}{8}$	10 20	349967	349745
300-1000	Mogul	4 $\frac{7}{8}$	5 15	349968	349746

COMPLETE UNITS

Lamp Size in Watts	DIMENSIONS IN.— Reflector Diameter	Complete Unit Depth	STYLE No.— $\frac{1}{2}$ Inch Conduit	$\frac{3}{4}$ Inch Conduit
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RLM DOME REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Cast Iron Hoods

60	12	7 $\frac{7}{8}$	343725	786380
75-100	12	8 $\frac{1}{4}$	343726	786381
150	14	9 $\frac{1}{4}$	343727	786382
200	16	10 $\frac{1}{4}$	343728	786383
300-500	18	12 $\frac{1}{8}$	343729	786384
750-1000	20	15	343730	786385

SHALLOW DOME REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Cast Iron Hoods

75-100	12	7 $\frac{1}{2}$	343538	786388
150	14	8 $\frac{1}{4}$	789159	789161
200	16	9 $\frac{3}{8}$	789160	789162
300-500	18	10 $\frac{3}{8}$	343106	786391

DEEP BOWL REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Cast Iron Hoods

75-100	8	9	343771	786392
150	8	9 $\frac{1}{2}$	343772	786393
200	10	11 $\frac{3}{8}$	343773	786394
300-500	12	12 $\frac{3}{8}$	343774	786395
750-1000	15	16 $\frac{1}{8}$	343775	786396

SYMMETRICAL ANGLE REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Cast Iron Hoods

100-200	10	12 $\frac{1}{8}$	343510	786397
300-500	12	16 $\frac{1}{8}$	343511	786398
750-1000	15	20 $\frac{7}{8}$	343512	786399

*Includes $\frac{1}{2}$ x $\frac{3}{4}$ -inch Adapter

With Porcelain Enamel Steel Hoods
for $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Mounting

 $\frac{1}{2}$ - OR $\frac{3}{4}$ -INCH STEEL HOOD $\frac{1}{2}$ - AND $\frac{3}{4}$ -INCH CONDUIT PORCELAIN
ENAMELED STEEL HOODS

LAMP SIZE— In Watts	Base	Depth Inches	STD. PKG.— Quan. Wt. Lb.	$\frac{1}{2}$ -Inch Conduit Style No.	$\frac{3}{4}$ -Inch Conduit Style No.*
25-200	Medium	4 $\frac{3}{8}$	10 20	349334	786378
300-1000	Mogul	5 $\frac{1}{8}$	5 15	349336	786379

COMPLETE UNITS

Lamp Size in Watts	DIMENSIONS IN.— Reflector Diameter	Complete Unit Depth	STYLE No.— $\frac{1}{2}$ -Inch Conduit	$\frac{3}{4}$ -Inch Conduit*
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RLM DOME REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Porcelain Enameled
Steel Hoods

60	12	7 $\frac{7}{8}$	343731	786400
75-100	12	8 $\frac{1}{4}$	343732	786401
150	14	9 $\frac{1}{4}$	343733	786402
200	16	10 $\frac{1}{4}$	343734	786403
300-500	18	12 $\frac{1}{8}$	343735	786404
750-1000	20	15	343736	786405

SHALLOW DOME REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Porcelain Enameled
Steel Hoods

75-100	12	8 $\frac{1}{2}$	343542	786408
150	14	9 $\frac{1}{4}$	789163	789165
200	16	10 $\frac{3}{8}$	789164	789166
300-500	18	11 $\frac{3}{8}$	343108	786411

DEEP BOWL REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Porcelain Enameled
Steel Hoods

75-100	8	9	343776	786412
150	8	9 $\frac{1}{2}$	343777	786413
200	10	11 $\frac{3}{8}$	343778	786414
300-500	12	12 $\frac{3}{8}$	343779	786415
750-1000	15	16 $\frac{1}{8}$	343780	786416

SYMMETRICAL ANGLE REFLECTORS

With $\frac{1}{2}$ - and $\frac{3}{4}$ -Inch Conduit Porcelain Enameled
Steel Hoods

100-200	10	12 $\frac{1}{8}$	343513	786417
300-500	12	16 $\frac{1}{8}$	343514	786418
750-1000	15	20 $\frac{7}{8}$	343515	786419

HEAVY DUTY SCREW HEEL REFLECTORS AND SOCKETS—Continued

With Cast Iron Hoods
for Outlet Box Mounting



OUTLET BOX CAST IRON HOOD

OUTLET BOX CAST IRON HOODS

In Watts	LAMP SIZE	Depth Inches	STANDARD PKG.		Style No.
	Base		Quantity	Wt. Lbs.	
25-200	Medium	4 $\frac{3}{8}$	10	20	789167
300-1000	Mogul	5 $\frac{3}{8}$	5	15	789168

COMPLETE UNITS

Lamp Size in Watts	Reflector Diameter	Complete Unit Depth	Complete Unit Style No.
RLM DOME REFLECTORS			
With Outlet Box Cast Iron Hoods			
50-60	12	8 $\frac{3}{8}$	789169
75-100	12	8 $\frac{3}{4}$	789170
150	14	9 $\frac{3}{4}$	789171
200	16	10 $\frac{3}{4}$	789172
300-500	18	12 $\frac{5}{8}$	789173
750-1000	20	15 $\frac{1}{2}$	789174

SHALLOW DOME REFLECTORS
With Outlet Box Cast Iron Hoods

75-100	12	8	789175
150	14	8 $\frac{3}{8}$	789176
200	16	9 $\frac{3}{8}$	789177
300-500	18	10 $\frac{3}{8}$	789178

DEEP BOWL REFLECTORS
With Outlet Box Cast Iron Hoods

75-100	8	9 $\frac{1}{2}$	789180
150	8	10	789181
200	10	11 $\frac{3}{8}$	789182
300-500	12	12 $\frac{3}{8}$	789183
750-1000	15	16 $\frac{3}{8}$	789184

SYMMETRICAL ANGLE REFLECTORS
With Outlet Box Cast Iron Hoods

100-200	10	12 $\frac{3}{8}$	789185
300-500	12	16 $\frac{3}{8}$	789186
750-1000	15	21 $\frac{3}{8}$	789187

With Porcelain Enameled Steel Hoods
for Outlet Box Mounting



OUTLET BOX STEEL HOOD

OUTLET BOX PORCELAIN ENAMELED
STEEL HOODS

In Watts	LAMP SIZE	Depth Inches	STANDARD PKG.		Style No.
	Base		Quantity	Wt. Lb.	
25-200	Medium	3	10	20	349350
300-1000	Mogul	3 $\frac{1}{8}$	5	15	343492

COMPLETE UNITS

Lamp Size in Watts	DIMENSIONS IN.		Style No. Complete Unit
	Reflector Diameter	Complete Unit Depth	
RLM DOME REFLECTORS			
With Outlet Box Porcelain Enameled Steel Hoods			
60	12	7	343737
75-100	12	7 $\frac{3}{8}$	343738
150	14	8 $\frac{3}{8}$	343739
200	16	9 $\frac{3}{8}$	343740
300-500	18	11 $\frac{1}{8}$	343741
750-1000	20	14	343742

SHALLOW DOME REFLECTORS
With Outlet Box Porcelain Enameled Steel Hoods

75-100	12	6 $\frac{5}{8}$	343546
150	14	7 $\frac{3}{8}$	789188
200	16	8 $\frac{1}{2}$	789189
300-500	18	9 $\frac{3}{8}$	343110

DEEP BOWL REFLECTORS
With Outlet Box Porcelain Enameled Steel Hoods

75-100	8	8 $\frac{1}{8}$	343781
150	8	8 $\frac{5}{8}$	343782
200	10	10 $\frac{1}{2}$	343783
300-500	12	11 $\frac{3}{8}$	343784
750-1000	15	15 $\frac{1}{8}$	343785

SYMMETRICAL ANGLE REFLECTORS
With Outlet Box Porcelain Enameled Steel Hoods

100-200	10	11 $\frac{1}{4}$	343516
300-500	12	15 $\frac{1}{8}$	343517
750-1000	15	19 $\frac{3}{8}$	343518

WEMCO SCREW HEEL REFLECTORS AND SOCKETS

Application—The Westinghouse Wemco Screw Heel Reflector and Socket is a sturdy light weight unit designed to meet the severe requirements of applications where lighting equipment is subject to more than ordinary service.

Methods of Attachment—The units may be suspended:

1. A—By cast-aluminum hoods for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit.
B—By steel hoods for $\frac{1}{2}$ -inch conduit, or furnished with reducing coupling for $\frac{3}{4}$ -inch conduit.
2. Directly from an outlet box.

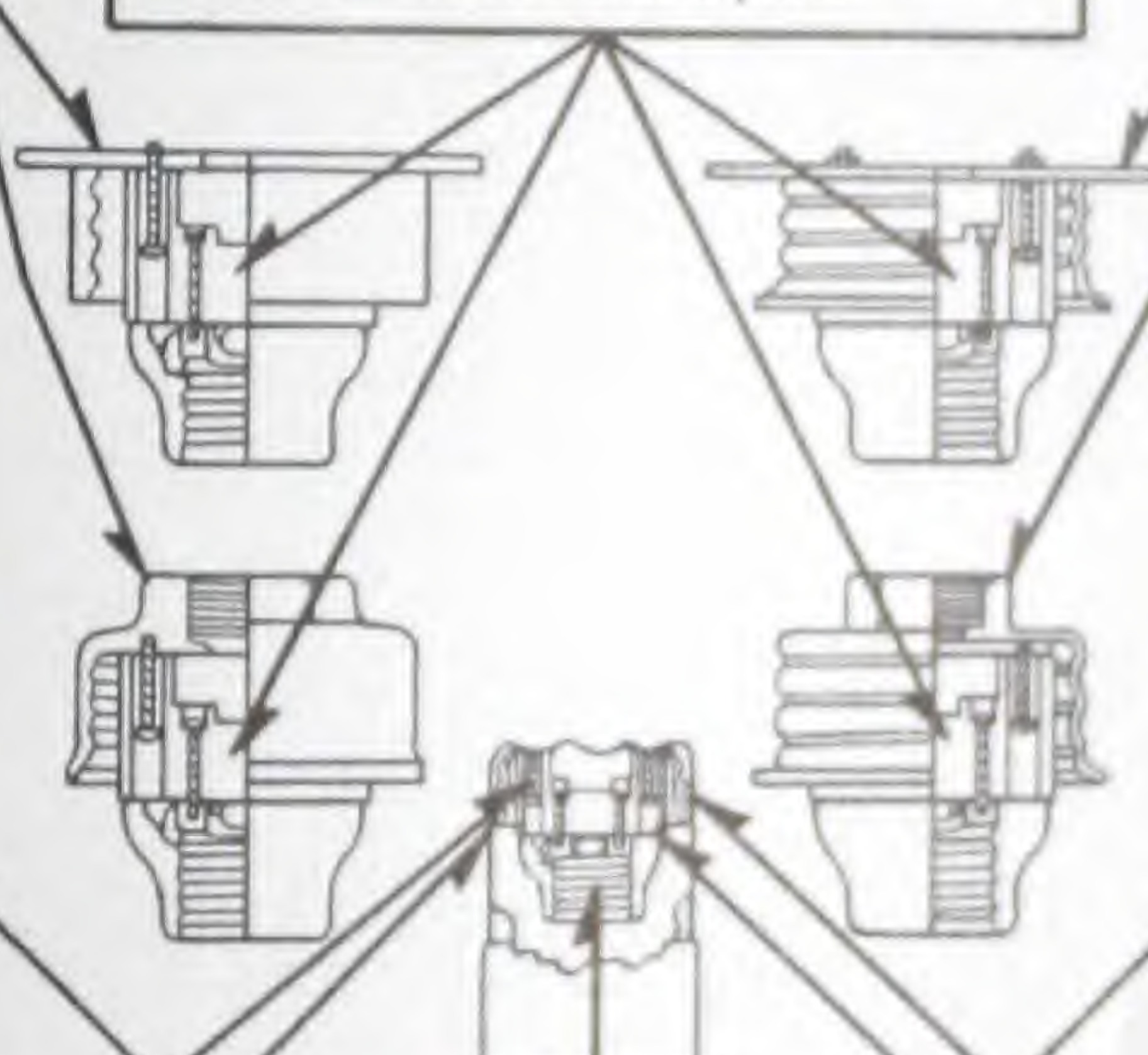
Four-inch cast aluminum outlet box cover and $\frac{1}{2}$ - or $\frac{3}{4}$ -inch one-piece conduit hoods of cast aluminum protected with 2 coats of green baked enamel.



Easy-to-wire socket—front connected two-piece socket.

Distinctive Features

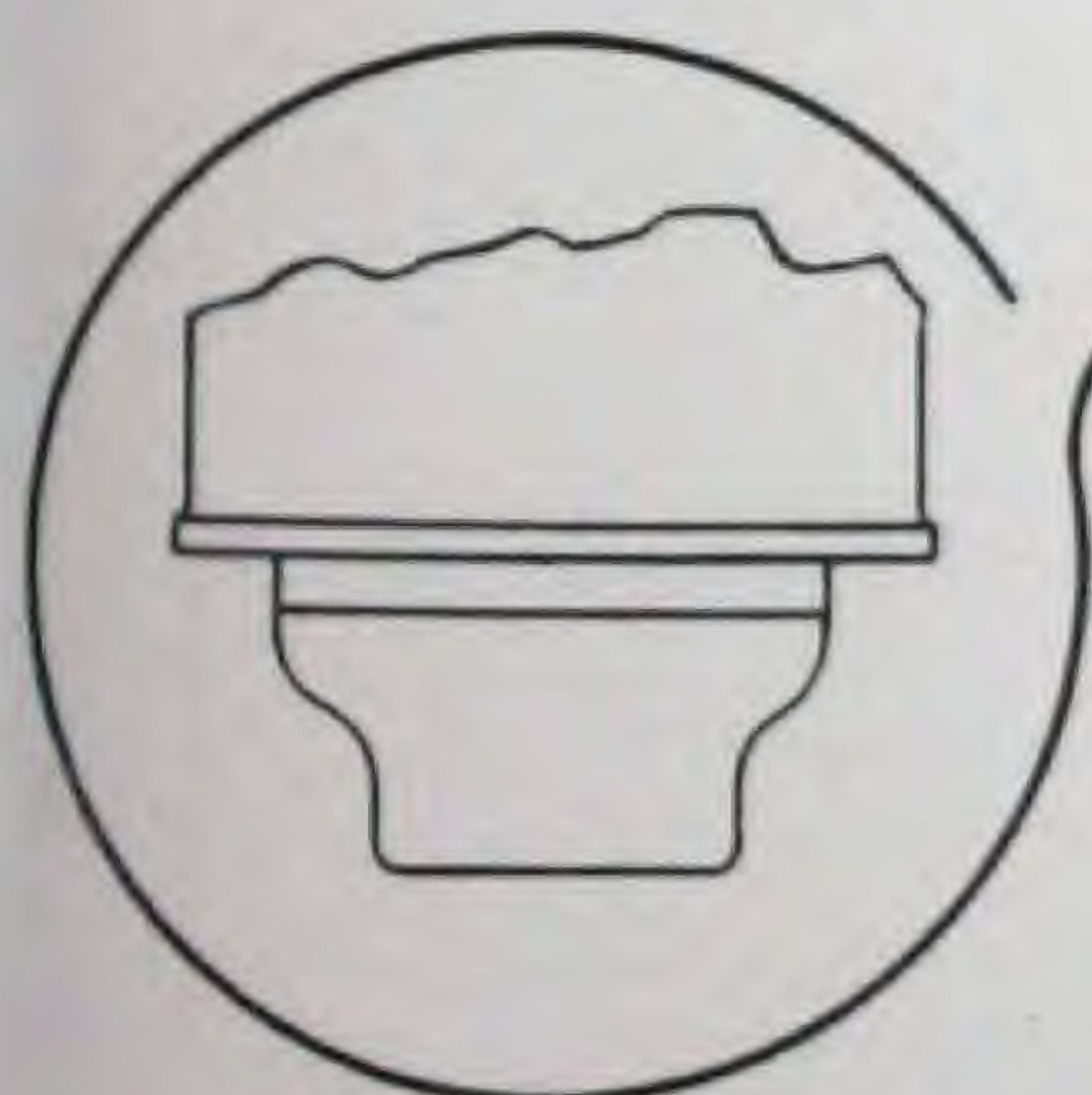
Two-piece porcelain sockets—all metal parts nickel plated—cavities for terminal plates and fastening screws sealed with silax—all screws cadmium plated.



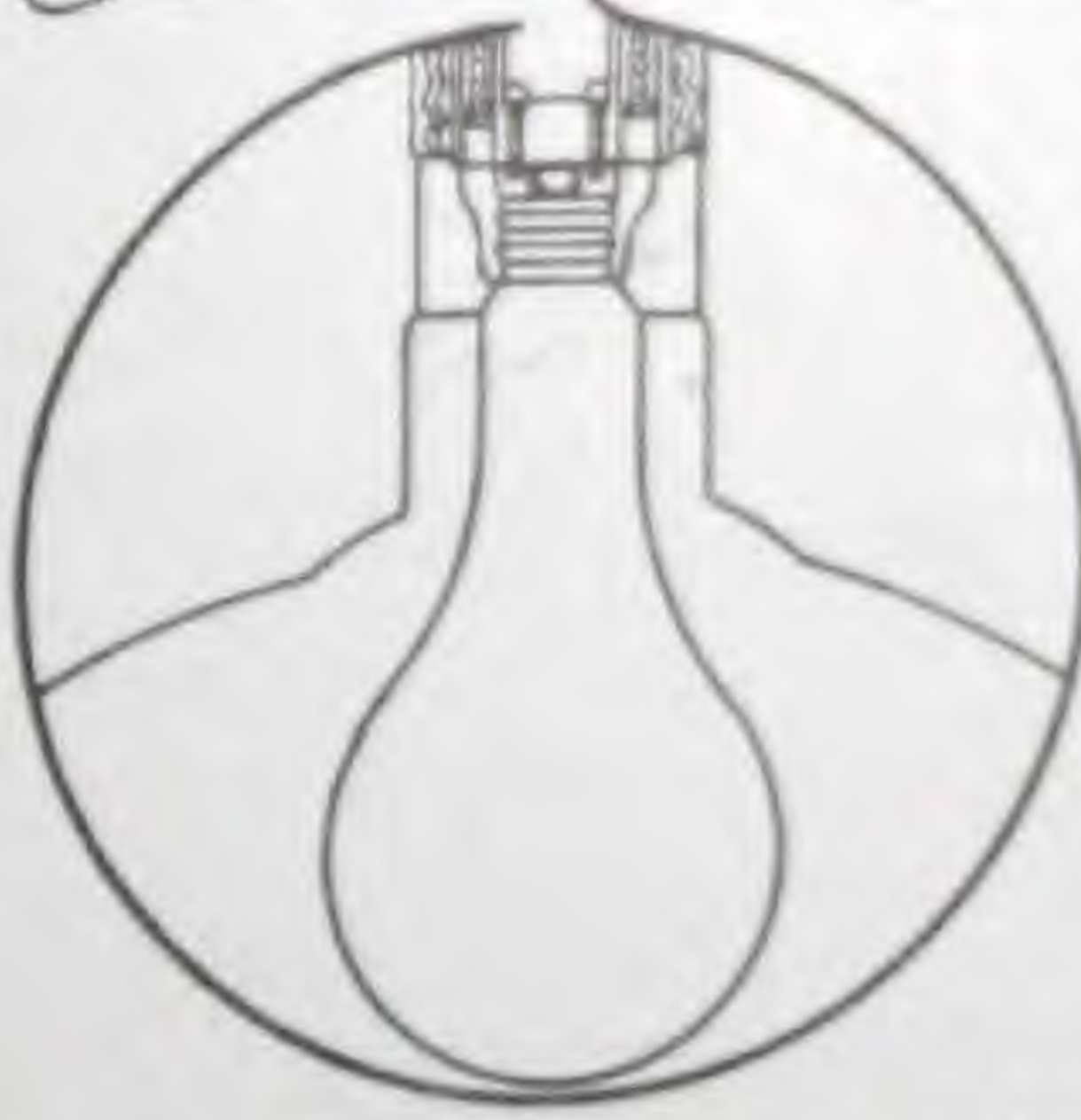
Four-inch outlet box cover and $\frac{1}{2}$ -inch one-piece conduit hoods, of heavy-sheet-steel protected with 2 coats of green baked enamel.



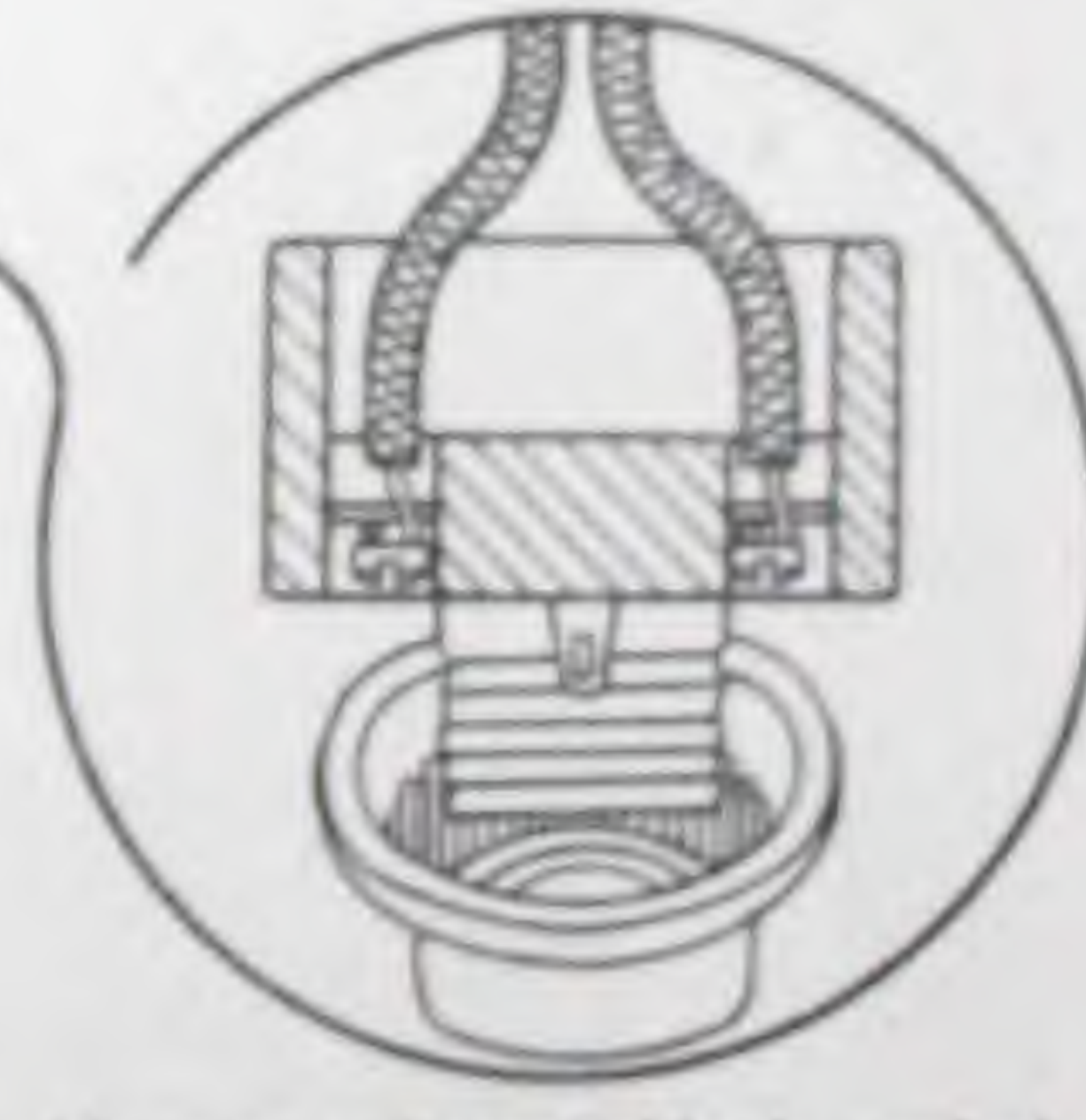
Simple and positive attachment of hood and reflector.



A one-piece cast-iron or sheet-metal hood with a flange water-drip that makes these industrial lighting units weatherproof.



Positive connection of reflector, hood and socket insures correct position of lamp light center for efficient distribution of light.



No wires to be stuffed back, nor lock nuts nor washers to adjust, simply thread wires through straight holes to binding screws.

FOR DESCRIPTION of reflecting surface, application, and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl, and Symmetrical Angle reflectors used with these sockets, see Types of Reflectors, pages 3 and 4, Section 61-125.

**WEMCO
SCREW HEEL
REFLECTORS
AND SOCKETS**
—Continued

Hood Type	Lamp Size in Watts Base	STANDARD Quantity	PACKAGE Wt. Lb.	Depth Inches	Style No.
HOODS WITH SHOCK ABSORBING SOCKETS					
Steel Hood for 1/2-inch Conduit	25-200 Med.	10	18	1 7/8	344287
Steel Hood for 1/2-inch Conduit	300-1000 Mog.	5	12	1 7/8	344286
Steel Hood for 4-inch Outlet Box	25-200 Med.	10	18	1 1/4	344291
Steel Hood for 4-inch Outlet Box	300-1000 Mog.	5	12	1 1/4	344290
Cast Hood for 1/2-inch Conduit	25-200 Med.	10	20	1 7/8	344285
Cast Hood for 1/2-inch Conduit	300-1000 Mog.	5	15	1 7/8	344284
Cast Hood for 3/4-inch Conduit	25-200 Med.	10	20	1 7/8	786780
Cast Hood for 3/4-inch Conduit	300-1000 Mog.	5	15	1 7/8	786781
Cast Hood for 4-inch Outlet Box	25-200 Med.	10	20	1 3/8	344289
Cast Hood for 4-inch Outlet Box	300-1000 Mog.	5	15	1 3/8	344288
HOODS WITH PULL CHAIN SOCKETS					
Steel Hood for 1/2-inch Conduit	25-200 Med.	10	18	1 7/8	341291
Steel Hood for 4-inch Outlet Box	25-200 Med.	10	18	1 1/4	341647
Cast Hood for 1/2-inch Conduit	25-200 Med.	10	20	1 7/8	341290
Cast Hood for 3/4-inch Conduit	25-200 Med.	10	20	1 7/8	786566
Cast Hood for 4-inch Outlet Box	25-200 Med.	10	20	1 3/8	341292
HOODS WITH SELF-LOCKING SOCKETS*					
Steel Hood for 1/2-inch Conduit	25-200 Med.	10	18	1 7/8	786567
Steel Hood for 4-inch Outlet Box	25-200 Med.	10	18	1 1/4	786568
Cast Hood for 1/2-inch Conduit	25-200 Med.	10	20	1 7/8	786569
Cast Hood for 3/4-inch Conduit	25-200 Med.	10	20	1 7/8	786570
Cast Hood for 4-inch Outlet Box	25-200 Med.	10	20	1 3/8	786571
HOOD WITH SIDE OUTLET					
Cast Hood for 1/2-inch Conduit	25-200 Med.	10	20	2 1/8	340787

*Key for releasing Lamp Style No. 786439.



RLM DOME REFLECTOR



SHALLOW DOME REFLECTOR



DEEP BOWL REFLECTOR



SYMMETRICAL ANGLE REFLECTOR

REFLECTORS ONLY

Lamp Size In Watts	DIMENSIONS INCHES		STANDARD Quantity	PACKAGE Wt. Lb.	Style No. Reflector
	Reflector Diameter	Reflector Depth			
RLM DOME REFLECTORS					
50-60	12	5 3/4	10	25	339203
75-100	12	6 3/4	10	25	339206
150	14	7 3/8	10	30	340083
200	16	8 5/8	10	35	340403
300-500	18	10 1/4	5	30	340486
750-1000	20	13 1/4	5	35	340487

SHALLOW DOME REFLECTORS

Lamp Size In Watts	Reflector Diameter	Reflector Depth	STANDARD Quantity	PACKAGE Wt. Lb.	Style No.
50-60	12	5 3/4	10	20	338908
75-100	12	6 3/8	10	25	338929
150	14	7	10	30	788220
200	16	8	10	30	787578
300-500	18	10	5	35	338948

DEEP BOWL REFLECTORS

Lamp Size In Watts	Reflector Diameter	Reflector Depth	STANDARD Quantity	PACKAGE Wt. Lb.	Style No.
75-100	8	7 7/8	10	15	339165
150	8	8 7/8	10	18	339166
200	10	10	10	25	339167
300-500	12	10 5/8	5	20	339168
750-1000	15	13 5/8	5	30	339169

SYMMETRICAL ANGLE REFLECTORS

Lamp Size In Watts	Reflector Diameter	Reflector Depth	STANDARD Quantity	PACKAGE Wt. Lb.	Style No.
75-100	8	7 5/8	10	15	339193
150-200	10	10 5/8	10	25	339196
300-500	12	14 1/4	5	20	339198
750-1000	15	19	5	30	339201

WEMCO SCREW HEEL REFLECTORS AND SOCKETS—Continued

WITH CAST HOODS

for 1/2- and 3/4-Inch Conduit Mounting



1/2- OR 3/4-INCH CONDUIT CAST HOOD

LAMP SIZE In Watts	Base	Depth Inches	STANDARD PKG. Quantity	Wt. Lbs.	1/2-Inch Conduit Style No.	3/4-Inch Conduit Style No.
25-200	Medium	1 7/8	10	20	340489	786564
300-1000	Mogul	1 7/8	5	15	340488	786565

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	DIMENSIONS INCHES Complete Unit Depth	STYLE No. 1/2-Inch Conduit	3/4-Inch Conduit
RLM DOME REFLECTORS with 1/2- and 3/4-Inch Conduit Cast Hoods				
50-60	12	7 5/8	341382	786745
75-100	12	8 5/8	341383	786746
150	14	9 3/4	341384	786747
200	16	10 3/4	341385	786748
300-500	18	12 1/8	341386	786749
750-1000	20	15 1/8	341387	786750

SHALLOW DOME REFLECTORS

with 1/2- and 3/4-Inch Conduit Cast Hoods

50-60	12	7 5/8	341611	786752
75-100	12	8	341613	786753
150	14	8 7/8	785744	785746
200	16	9 7/8	785745	785747
300-500	18	11 7/8	341615	786756

DEEP BOWL REFLECTORS

with 1/2- and 3/4-Inch Conduit Cast Hoods

75-100	8	9 3/4	341502	786757
150	8	10 3/4	341503	786758
200	10	11 7/8	341504	786759
300-500	12	12 1/2	341505	786760
750-1000	15	15 1/2	341506	786761

SYMMETRICAL ANGLE REFLECTORS

with 1/2- and 3/4-Inch Conduit Cast Hoods

75-100	8	9 1/2	786768	786762
150-200	10	12 1/2	341432	786763
300-500	12	16 1/8	341433	786764
750-1000	15	20 7/8	341434	786765

WITH STEEL HOODS

for 1/2- and 3/4-Inch Conduit Mounting



1/2-INCH CONDUIT STEEL HOOD

LAMP SIZE In Watts	Base	Depth Inches	STANDARD PKG. Quantity	Wt. Lbs.	1/2-Inch Conduit Style No.	3/4-Inch Conduit Style No.
25-200	Medium	1 7/8	10	18	340498	786912
300-1000	Mogul	1 7/8	5	12	340490	786913

COMPLETE UNITS

Lamp Size In Watts	Reflector Diameter	DIMENSIONS INCHES Complete Unit Depth	STYLE No. 1/2-Inch Conduit	3/4-Inch Conduit*
RLM DOME REFLECTORS with 1/2- and 3/4-Inch Conduit Steel Hoods				
50-60	12	7 5/8	341237	786914
75-100	12	8 5/8	341238	786915
150	14	9 3/4	341239	786916
200	16	10 3/4	341240	786917
300-500	18	12 1/8	341241	786918
750-1000	20	15 1/8	341242	786919

SHALLOW DOME REFLECTORS

with 1/2- and 3/4-Inch Conduit Steel Hoods

50-60	12	7 5/8	341525	786921
75-100	12	8	341526	786922
150	14	8 7/8	785750	785752
200	16	9 7/8	785751	785753
300-500	18	11 7/8	341562	786925

DEEP BOWL REFLECTORS

with 1/2- and 3/4-Inch Conduit Steel Hoods

75-100	8	9 3/4	341435	786926
150	8	10 3/4	341436	786927
200	10	11 7/8	341437	786928
300-500	12	12 1/2	341489	786929
750-1000	15	15 1/2	341490	786930

SYMMETRICAL ANGLE REFLECTORS

with 1/2- and 3/4-Inch Conduit Steel Hoods

75-100	8	9 1/2	786766	786931
150-200	10	12 1/2	341410	786932
300-500	12	16 1/8	341411	786933
750-1000	15	20 7/8	341412	786934

*Includes reducing coupling and short nipple.

WEMCO SCREW HEEL REFLECTORS AND SOCKETS—Continued

WITH CAST HOODS
for Outlet Box Mounting



OUTLET BOX CAST HOOD

LAMP SIZE In Watts	Base	Depth Inches	—STANDARD PKG.—		Style No.
			Quantity	Wt. Lbs.	
25-200	Medium	1 $\frac{3}{8}$	10	20	340771
300-1000	Mogul	1 $\frac{3}{8}$	5	15	340499

COMPLETE UNITS

Lamp Size In Watts	—DIMENSIONS IN.—		Style No. Complete Unit
	Reflector Diameter	Complete Unit Depth	
RLM DOME REFLECTORS With Outlet Box Cast Hoods			
50-60	12	7 $\frac{1}{8}$	341421
75-100	12	8 $\frac{1}{8}$	341422
150	14	9 $\frac{1}{4}$	341423
200	16	10 $\frac{1}{4}$	341424
300-500	18	11 $\frac{3}{8}$	341425
750-1000	20	14 $\frac{5}{8}$	341426

SHALLOW DOME REFLECTORS
With Outlet Box Cast Hoods

50-60	12	7 $\frac{1}{8}$	341617
75-100	12	7 $\frac{1}{2}$	341618
150	14	8 $\frac{3}{8}$	785748
200	16	9 $\frac{3}{8}$	785749
300-500	18	11 $\frac{3}{8}$	341646

DEEP BOWL REFLECTORS
With Outlet Box Cast Hoods

75-100	8	9 $\frac{1}{4}$	341511
150	8	10 $\frac{1}{4}$	341512
200	10	11 $\frac{3}{8}$	341513
300-500	12	12	341514
750-1000	15	15	341515

SYMMETRICAL ANGLE REFLECTORS
With Outlet Box Cast Hoods

75-100	8	9	786769
150-200	10	12	341521
300-500	12	15 $\frac{3}{8}$	341522
750-1000	15	20 $\frac{3}{8}$	341523

WITH STEEL HOODS
for Outlet Box Mounting



OUTLET BOX STEEL HOOD

LAMP SIZE In Watts	Base	Depth Inches	—STANDARD PKG.—		Style No.
			Quantity	Wt. Lbs.	
25-200	Medium	1 $\frac{1}{4}$	10	18	340779
300-1000	Mogul	1 $\frac{1}{4}$	5	12	340775

COMPLETE UNITS

Lamp Size In Watts	—DIMENSIONS IN.—		Style No. Complete Unit
	Reflector Diameter	Complete Unit Depth	
RLM DOME REFLECTORS With Outlet Box Steel Hoods			
50-60	12	7	341243
75-100	12	8	341244
150	14	9 $\frac{1}{8}$	341245
200	16	10 $\frac{1}{8}$	341246
300-500	18	11 $\frac{1}{2}$	341247
750-1000	20	14 $\frac{1}{2}$	341248

SHALLOW DOME REFLECTORS
With Outlet Box Steel Hoods

50-60	12	7	341606
75-100	12	7 $\frac{3}{8}$	341607
150	14	8 $\frac{1}{4}$	785754
200	16	9 $\frac{1}{4}$	785755
300-500	18	11 $\frac{1}{4}$	341609

DEEP BOWL REFLECTORS
With Outlet Box Steel Hoods

75-100	8	9 $\frac{1}{8}$	341472
150	8	10 $\frac{1}{8}$	341473
200	10	11 $\frac{1}{4}$	341474
300-500	12	11 $\frac{3}{8}$	341475
750-1000	15	14 $\frac{3}{8}$	341476

SYMMETRICAL ANGLE REFLECTORS
With Outlet Box Steel Hoods

75-100	8	8 $\frac{7}{8}$	786767
150-200	10	11 $\frac{7}{8}$	341402
300-500	12	15 $\frac{1}{2}$	341403
750-1000	15	20 $\frac{1}{4}$	341420

WEMCO QUICK CHANGE REFLECTORS AND SOCKETS

Application—The Westinghouse Wemco Quick Change Reflector and Socket is a sturdy light-weight unit designed to meet more than ordinary service, the same as Wemco units, and in addition make possible the removal or replacement of reflector and lamp together.

Methods of Attachment—The units may be suspended:

1. A—By cast-aluminum hoods for $\frac{1}{2}$ - or $\frac{3}{4}$ -inch conduit.
B—By steel hoods for $\frac{1}{2}$ -inch conduit, or furnished with reducing coupling for $\frac{3}{4}$ -inch conduit.
2. Directly from an outlet box.
3. On reinforced drop cord, by using porcelain bushings.

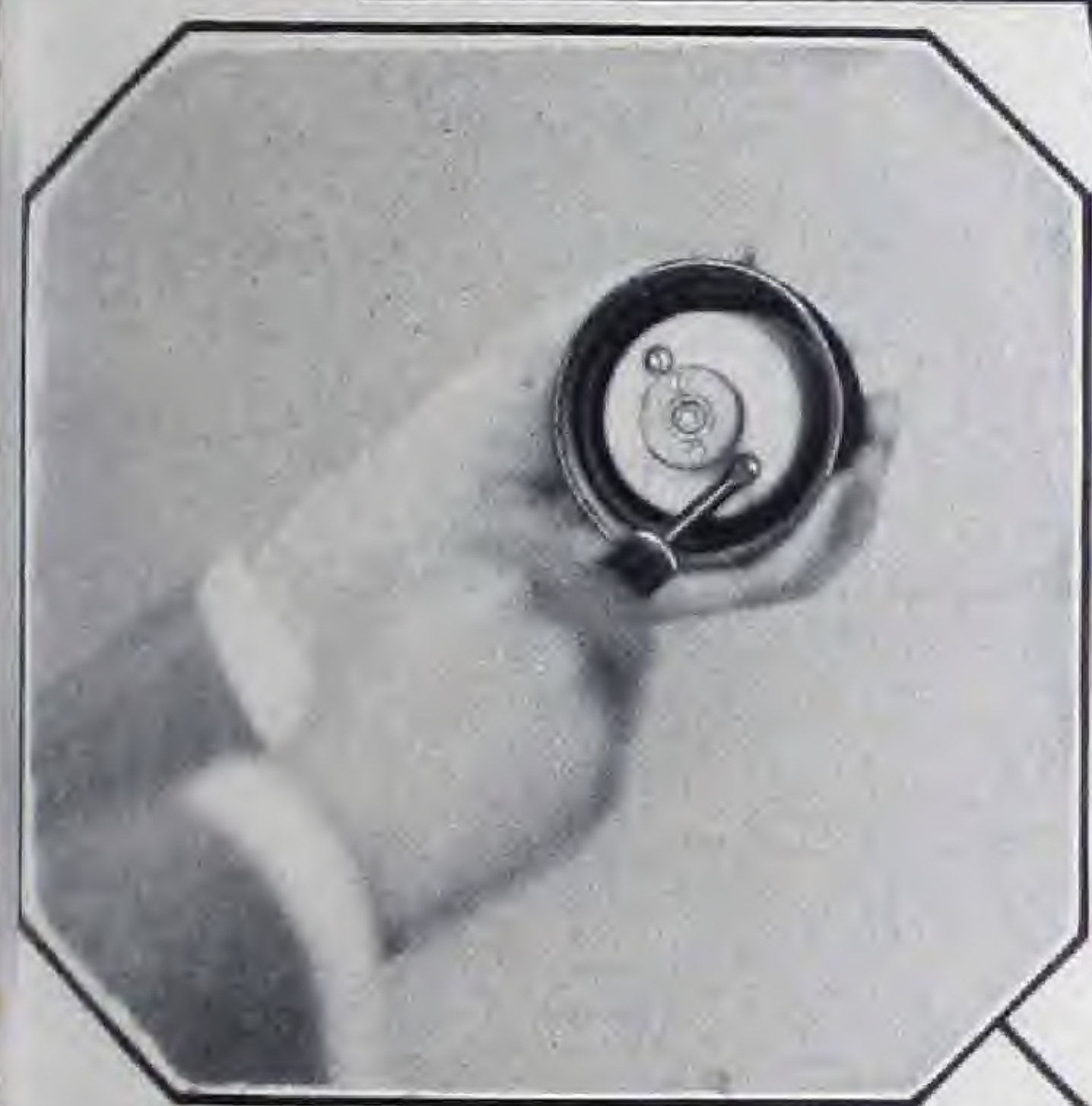
Ease of Installation—A two-piece socket. One-half of socket in reflector, the other half in the hood. Simply loosen two screws in hood socket and attach lead wires to accessible binding posts. Holding screws are held in porcelain socket and cannot fall out or be lost. As the reflector is screwed into the hood the half socket holding the lamp in the reflector engages with the half socket in the hood. A positive connection is always made and polarity cannot be reversed.

Interchangeability—Any Wemco quick change reflector may be used with any Wemco quick change hood. Both medium and mogul hoods are the same.

Approved Construction—Westinghouse Wemco Quick Change Reflectors and Sockets are approved by the National Board of Fire Underwriters.

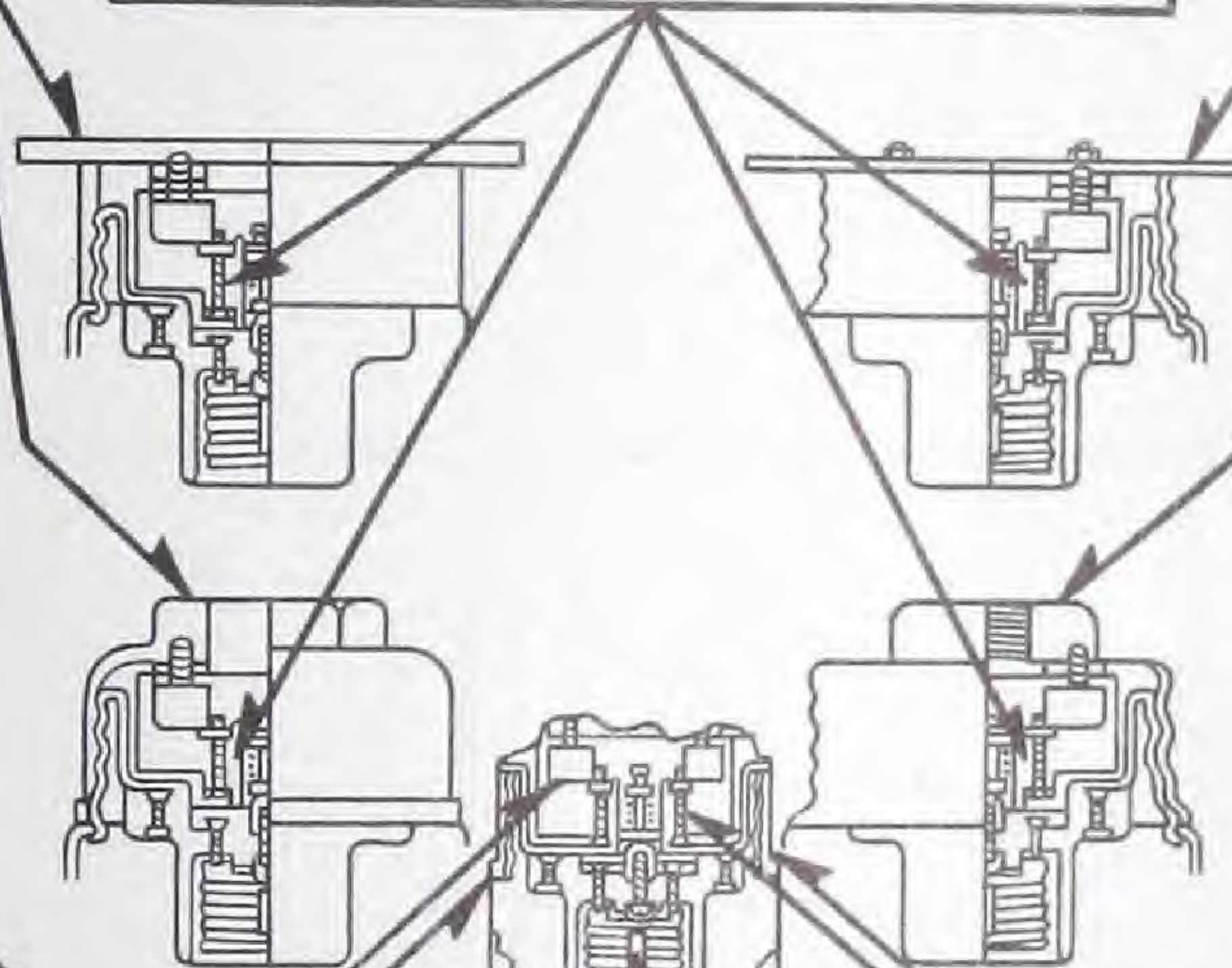
Distinctive Features

Four-inch cast-aluminum outlet box cover, and $\frac{1}{2}$ - or $\frac{3}{4}$ -inch one-piece conduit hoods of cast-aluminum—protected with 2 coats of green baked enamel.



Easy-to-wire socket—see Ease of Installation above

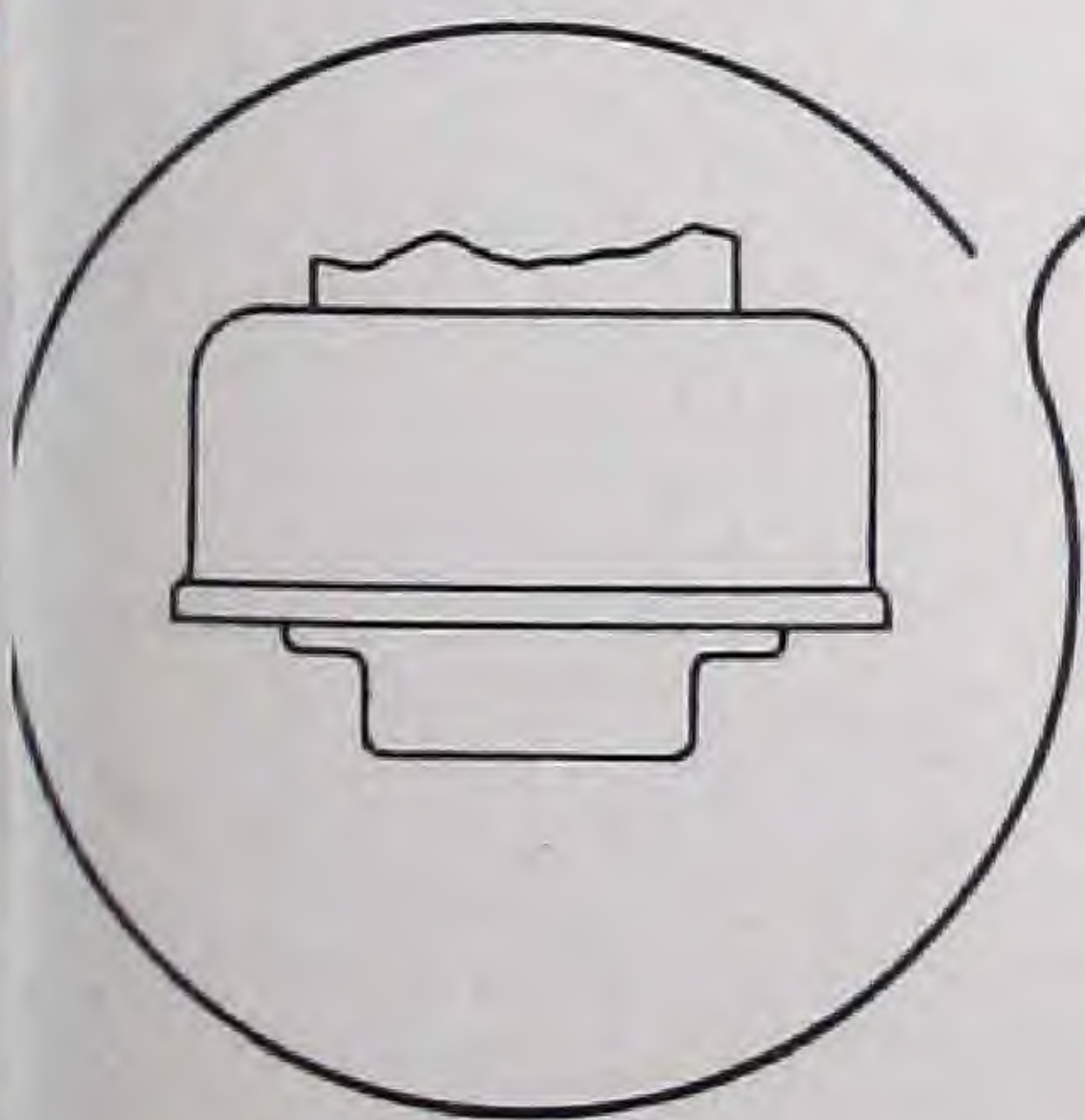
Two-piece porcelain sockets—all metal parts nickel-plated—cavities for terminal plates and fastening screws sealed with silax—all screws cadmium-plated.



Four-inch outlet box cover and $\frac{1}{2}$ -inch one-piece conduit hoods of heavy sheet-steel protected with 2 coats of green baked enamel.

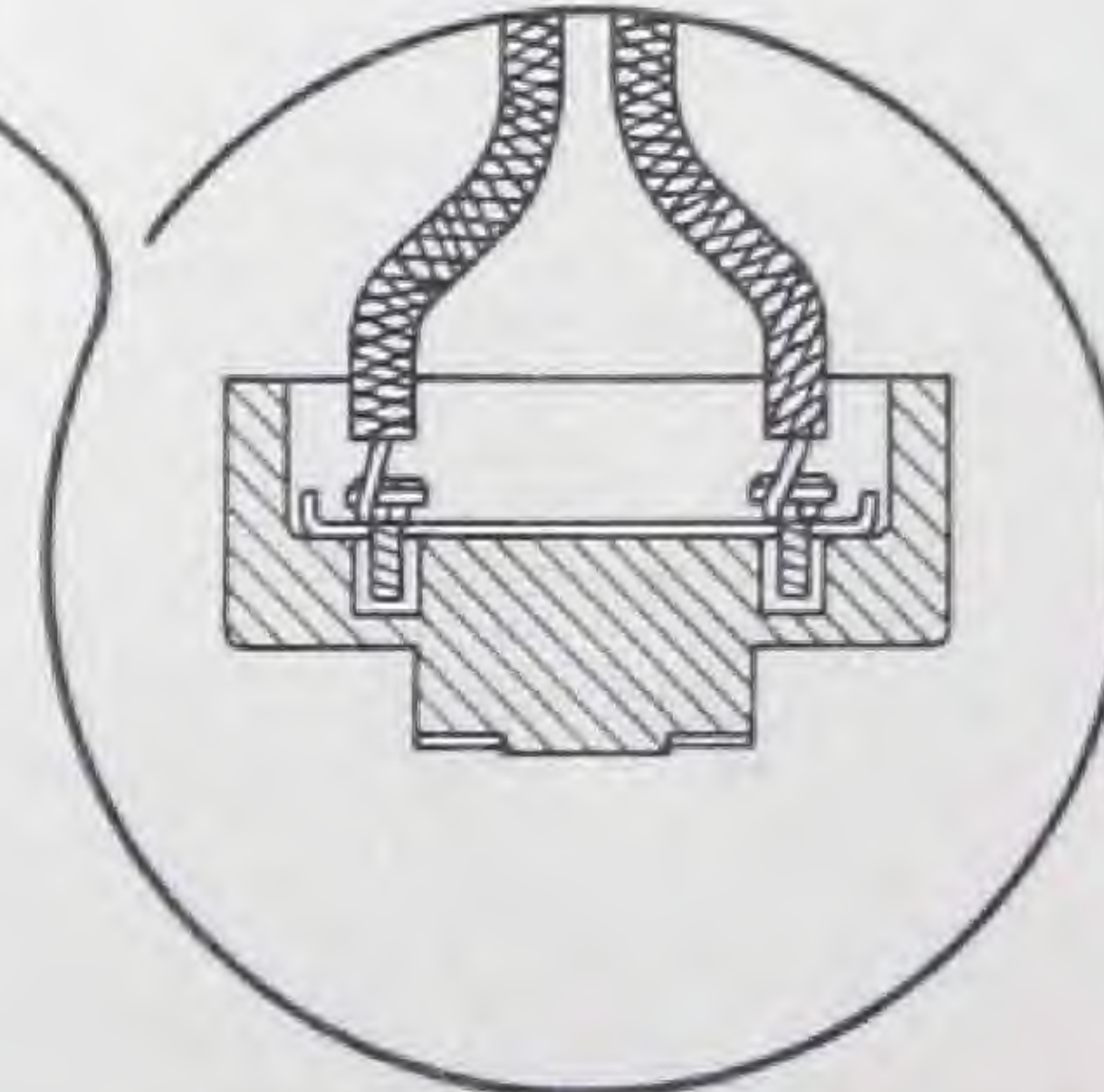
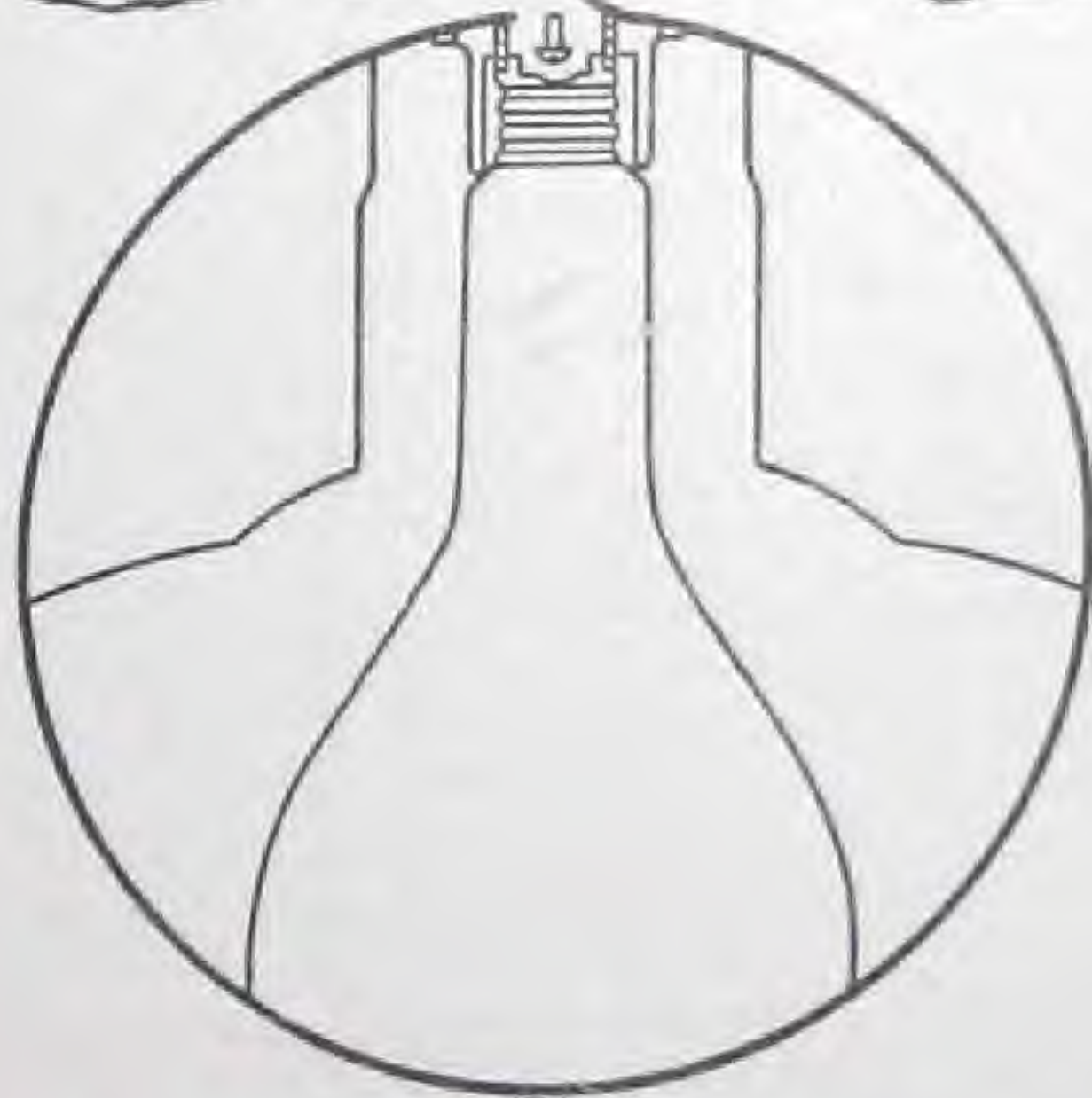


Simple and positive attachment of hood and reflector



A one-piece cast-aluminum or sheet-metal hood with a flange water-drip hat make these industrial lighting units weatherproof

Positive connection of reflector and hood insures correct position of light-center for efficient distribution of light.



Attach lead wires to accessible binding posts—no lock nuts or washers to adjust. This half of socket goes into hood.

FOR DESCRIPTION of reflecting surface, application, and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl, and Symmetrical Angle Reflectors used with these sockets, see Types of Reflectors, pages 3 and 4, Section 61-125.

WEMCO QUICK CHANGE REFLECTORS AND SOCKETS

(Continued)

SHOCK ABSORBING AND PULL CHAIN SOCKETS

For Shock Absorbing socket specify, "Similar to Style No. reflector except with shock absorbing socket."

For Medium Base Pull Chain socket specify, "Similar to Style No. reflector except with pull chain socket."

CAST HOOD WITH SIDE OUTLET TAPPED FOR 1/2-INCH CONDUIT

Lamp Size in Watts	STANDARD PEG.		Depth Inches	Style No.
	Quantity	Wt. Lb.		
25-1000	10	20	2 1/8	347923



RLM DOME REFLECTOR

REFLECTORS ONLY

Lamp Size in Watts	DIMENSIONS IN.		STANDARD PEG.		Style No. Reflector
	Reflector Diameter	Reflector Depth	Quantity	Wt. Lb.	
RLM DOME REFLECTORS					
50-60	12	5 3/4	10	25	347943
75-100	12	6 1/4	10	25	347944
150	14	7 1/4	10	30	347945
200	16	8 1/4	10	35	347946
300-500	18	10 1/4	5	30	347947
750-1000	20	13 1/4	5	35	347948



SHALLOW DOME REFLECTOR

SHALLOW DOME REFLECTORS

50-60	12	5 3/4	10	20	347958
75-100	12	6 1/4	10	25	347959
150	14	7	10	30	788222
200	16	8	10	35	788213
300-500	18	10	5	35	347961



DEEP BOWL REFLECTOR

DEEP BOWL REFLECTORS

75-100	8	7 3/4	10	15	347952
150	8	8 1/4	10	18	347953
200	10	10	10	25	347954
300-500	12	10 3/4	5	20	347955
750-1000	15	13 1/4	5	30	347956



SYMMETRICAL ANGLE REFLECTOR

SYMMETRICAL ANGLE REFLECTORS

75-100	8	7 3/4	10	15	786545
150-200	10	10 3/4	10	25	347949
300-500	12	14 1/4	5	20	347950
750-1000	15	19	5	30	347951

WEMGO QUICK CHANGE REFLECTORS AND SOCKETS—(Continued)

with Cast Hoods
for 1/2- or 3/4-inch Conduit Mounting



1/2- OR 3/4-INCH CAST HOOD

1/2- AND 3/4-INCH CONDUIT CAST HOODS

Lamp Size In Watts	Depth Inches	STANDARD Quantity	PKG. Wt. Lbs.	1/2-inch Conduit Style No.	3/4-inch Conduit Style No.
25-1000	1 3/8	10	20	347919	786547

COMPLETE UNITS

Lamp Size In Watts	DIMENSIONS IN.		STYLE NO.	
	Reflector Diameter	Complete Unit Depth	1/2-inch Conduit	3/4-inch Conduit
RLM DOME REFLECTORS				
With 1/2- and 3/4-Inch Conduit Cast Hoods				
50-60	12	7 5/8	786461	786482
75-100	12	8 5/8	786462	786483
150	14	9 3/4	786463	786484
200	16	10 3/4	786464	786485
300-500	18	12 1/8	786465	786486
750-1000	20	15 1/8	786466	786487

with Cast Hoods
for Outlet Box Mounting



OUTLET BOX CAST HOOD

OUTLET BOX CAST HOODS

Lamp Size In Watts	Depth Inches	STANDARD Quantity	PKG. Wt. Lbs.	Style No.
25-1000	1 3/8	10	20	347920

COMPLETE UNITS

Lamp Size In Watts	DIMENSIONS IN.		Style No. Complete Unit
	Reflector Diameter	Complete Unit Depth	
RLM DOME REFLECTORS			
With Outlet Box Cast Hoods			
50-60	12	7 $\frac{1}{8}$	786524
75-100	12	8 $\frac{1}{8}$	786525
150	14	9 $\frac{1}{4}$	786526
200	16	10 $\frac{1}{4}$	786527
300-500	18	11 $\frac{5}{8}$	786528
750-1000	20	14 $\frac{5}{8}$	786529

SHALLOW DOME REFLECTORS

With 1/2- and 3/4-Inch Conduit Cast Hoods

50-60	12	7 5/8	786468	786489
75-100	12	8	786469	786490
150	14	8 7/8	785760	785762
200	16	9 7/8	785761	785763
300-500	18	11 1/8	786472	786493

SHALLOW DOME REFLECTORS

With Outlet Box Cast Hoods

50-60	12	7 1/8	786531
75-100	12	7 1/2	786532
150	14	8 3/8	785764
200	16	9 3/8	785765
300-500	18	11 3/8	786535

DEEP BOWL REFLECTORS

With 1/2- and 3/4-Inch Conduit Cast Hoods

75-100	8	9 3/4	786473	786494
150	8	10 3/4	786474	786495
200	10	11 1/8	786475	786496
300-500	12	12 1/2	786476	786497
750-1000	15	15 1/2	786477	786498

DEEP BOWL REFLECTORS

With Outlet Box Cast Hoods

75-100	8	9 1/4	786536
150	8	10 1/4	786537
200	10	11 3/8	786538
300-500	12	12	786539
750-1000	15	15	786540

SYMMETRICAL ANGLE REFLECTORS

With 1/2- and 3/4-Inch Conduit Cast Hoods

75-100	8	9 1/2	786478	786499
150-200	10	12 1/2	786479	786500
300-500	12	16 1/8	786480	786501
750-1000	15	20 3/8	786481	786502

SYMMETRICAL ANGLE REFLECTORS

With Outlet Box Cast Hoods

75-100	8	9	786541
150-200	10	12	786542
300-500	12	15 5/8	786543
750-1000	15	20 3/8	786544



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VAPOR-PROOF REFLECTORS, GLOBES, HOODS AND SOCKETS

Application—The Westinghouse Vapor-Proof Reflectors and Sockets are sturdy heavy-weight units that are gas, vapor, and weatherproof. Gases or vapors cannot enter the units from the surrounding atmosphere. The outlet box type is sealed to prevent gases and vapors entering through the outlet box. The units are constructed sturdily, to assure continuous service under severe conditions.

Methods of Attachment—The units may be suspended:

1. On ½-inch conduit.
2. Directly from Westinghouse Vapor-Proof outlet box.
3. Directly from any standard 4-inch outlet box.

Ease of Installation—The conduit hood has a one-piece socket, front connected, that simplifies wiring.

The outlet box hood has a pig-tail socket with sealed lead-in wires. Reflectors are attached to both type hoods by three brass screws, and an aluminum ring gasket protects the reflector enamel. Globes are threaded and screwed into the cast-iron hood to seat on a special gasket that is impervious to moisture gases and vapors.

Interchangeability—Different shaped reflectors for medium-base lamps may be used with any medium hood, likewise different shaped reflectors for mogul-base lamps may be used with any mogul hood.

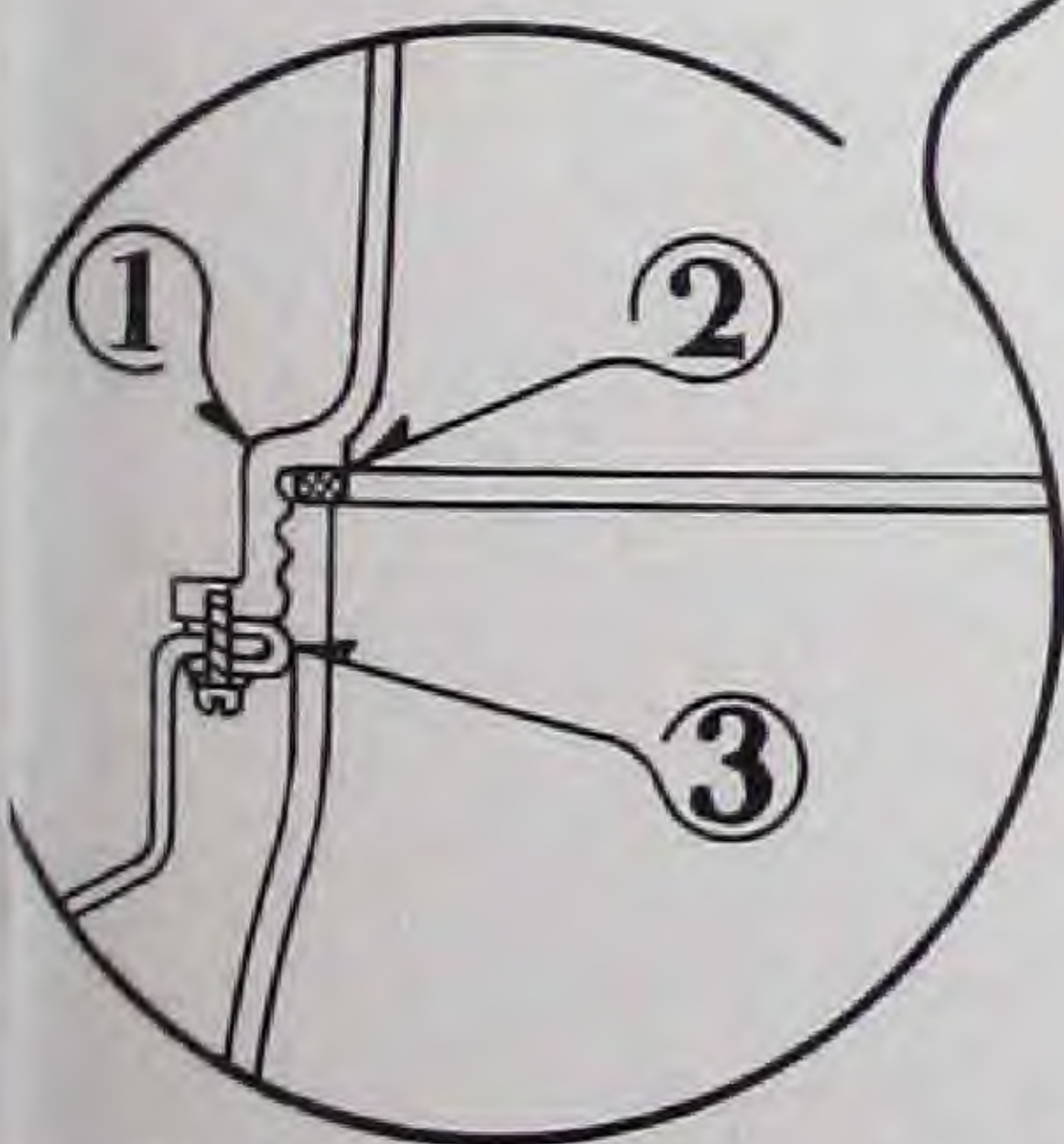
Approved Construction—Westinghouse Vapor-Proof Reflectors and Sockets are approved by the National Board of Fire Underwriters.

Distinctive Features

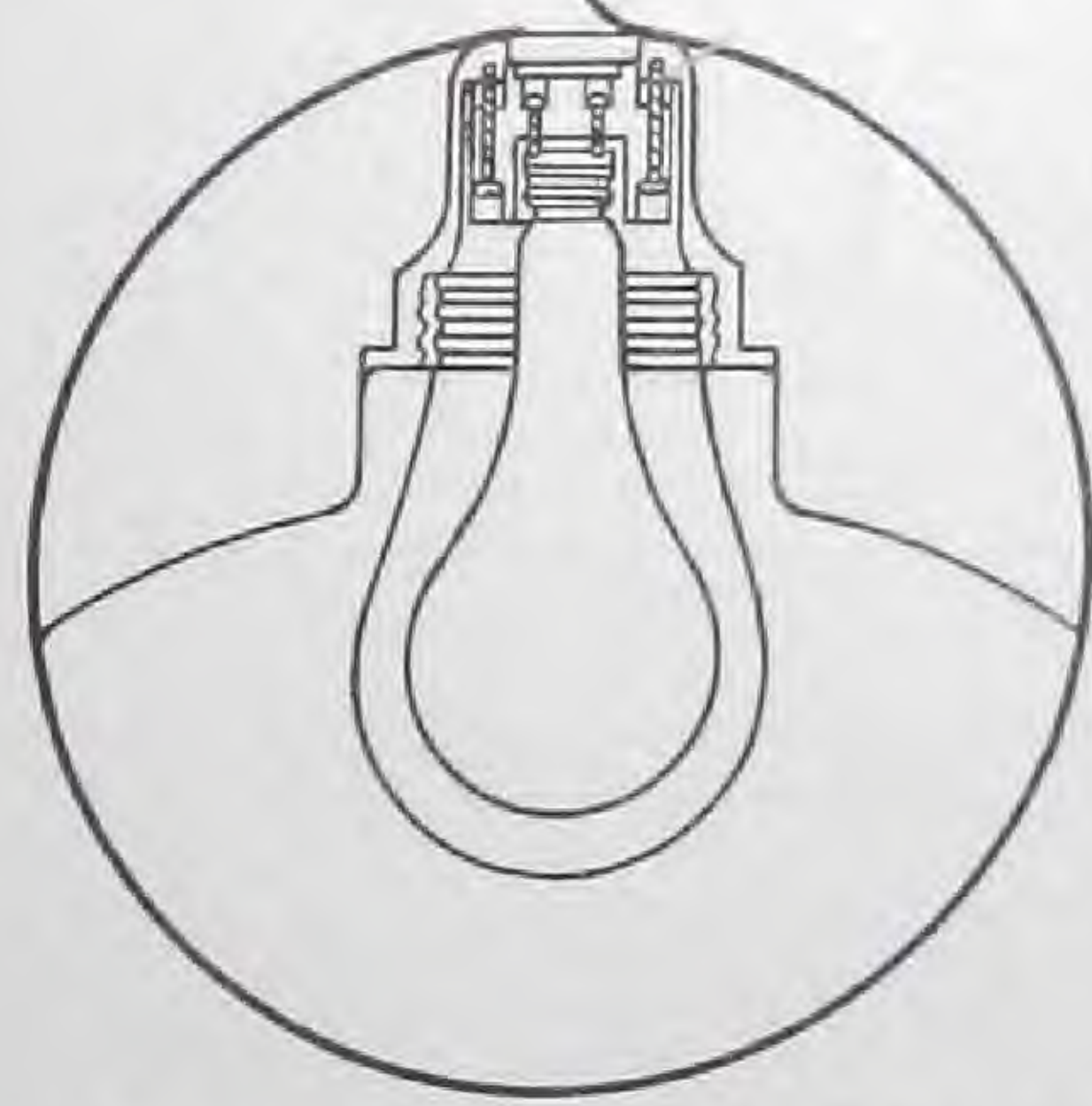
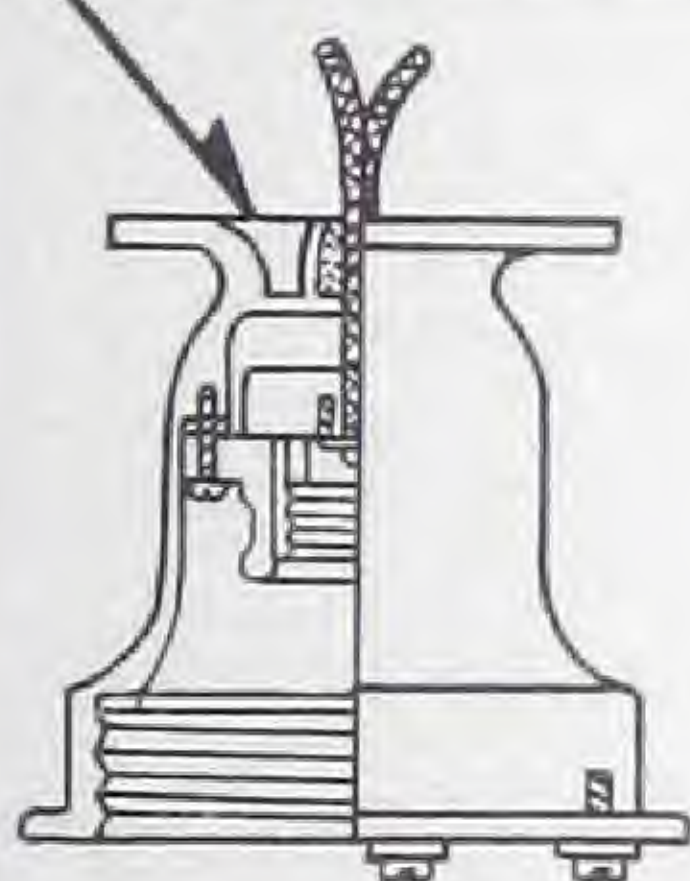
One-piece four-inch outlet box hood of heavy cast-iron—protected by 2 coats of acid resisting green baked enamel.



Easy-to-wire socket—front connected—nothing in the way.



Porcelain socket—all metal parts nickel-plated—cavities for terminal plates and fastening screws sealed with silax—all screws cadmium-plated.

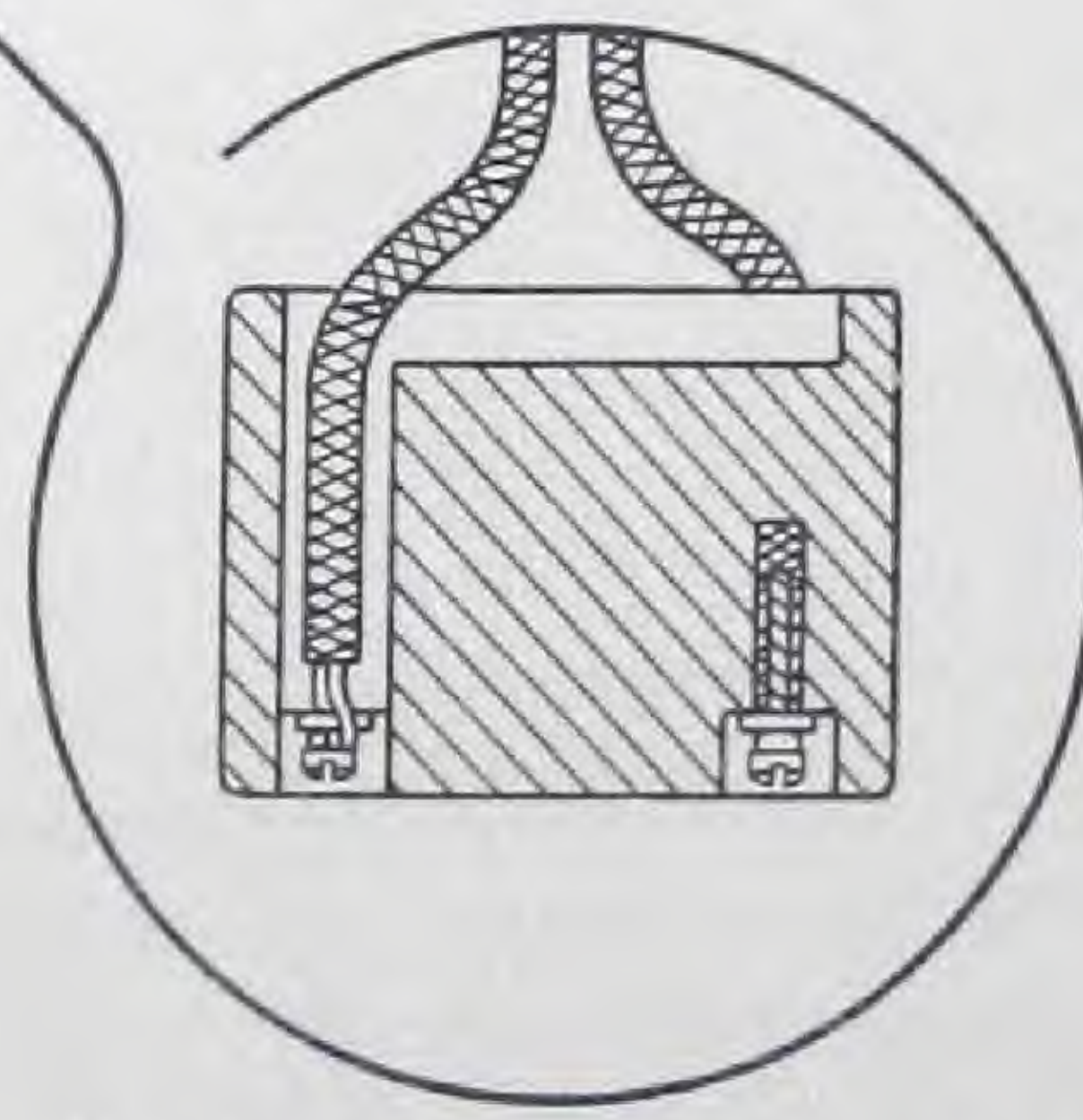


Positive connection of reflector and hood insures correct position of light-center for efficient distribution of light.

One-piece cast-iron hood for ½ or ¾-inch conduit—protected with 2 coats of acid resisting green baked enamel.



Simple and positive attachment of hood and reflector.



No wires to be stuffed back, nor lock nuts nor washers to adjust, simply thread wires through straight holes to binding screws.

VAPOR-PROOF REFLECTORS, GLOBES, HOODS AND SOCKETS

—(Continued)

VAPOR-PROOF HOOD FOR OUTLET BOX MOUNTING
WITH PIG-TAIL SOCKET

REFLECTORS ONLY



TYPICAL UNIT WITHOUT REFLECTOR

LAMP SIZE in Watts	DIMENSIONS IN. Dia. Depth	STANDARD PKG. Quan- tity	Style No. Reflector
75-100	12 5	10	342538
150	14 5	10	342539
200	16 6	10	342540
300	16 6	5	342542
300-500	18 7 1/4	5	342541



DOME REFLECTOR

DOME REFLECTORS ONLY

75-100	12	5	10	25	342538
150	14	5	10	30	342539
200	16	6	10	35	342540
300	16	6	5	20	342542
300-500	18	7 1/4	5	25	342541



CONCENTRIC REFLECTOR

CONCENTRIC REFLECTORS ONLY

75-100	14	7 1/4	10	15	342546
150	16	1 1/2	10	20	342547
200	18	1 3/4	10	25	342548
300-500	18	1 1/2	5	20	342549



DEEP BOWL REFLECTOR

DEEP BOWL REFLECTORS ONLY

75-150	10 1/2	5	10	25	342543
200	10 1/2	6	10	25	342544
300-500	15	7 1/4	5	20	342545



ANGLE REFLECTOR

ANGLE REFLECTORS ONLY

100-200	10 1/2	8 1/2	10	25	342550
300-500	14	10 1/4	5	20	342553

COMPLETE UNITS

OUTLET BOX MOUNTING HOOD

Lamp Size in Watts	Reflector Diameter	Complete Unit Depth	Style No. Outlet Box
-----------------------	-----------------------	---------------------------	-------------------------

UNITS WITHOUT REFLECTORS

For Outlet Box Mounting

75-150	...	9 3/4	341084
200	...	10 3/4	341091
300-500	...	13 3/4	341092

UNITS WITH DOME REFLECTORS

For Outlet Box Mounting

75-100	12	9 3/4	341093
150	14	9 3/4	341094
200	16	10 3/4	341110
300-500	18	13 3/4	341111

UNITS WITH CONCENTRIC
REFLECTORS

For Outlet Box Mounting

75-100	14	6	341116
150	16	6 3/4	341116
200	18	6 1/2	341117
300-500	18	7 5/8	341119

UNITS WITH DEEP BOWL
REFLECTORS

For Outlet Box Mounting

75-150	10 1/2	9 3/4	341112
200	10 1/2	10 3/4	341113
300-500	15	13 3/4	341114

UNITS WITH ANGLE REFLECTORS

For Outlet Box Mounting

100-200	10 1/2	13 1/4	341120
300-500	14	16 1/4	341121



VAPOR-PROOF HOOD FOR 1/2- OR 3/4-INCH CONDUIT MOUNTING

COMPLETE UNITS

CONDUIT MOUNTING HOOD

Lamp Size in Watts	—DIMENSIONS IN.—		—STYLE No.—	
	Reflector Diameter	Complete Unit Depth	1/2-Inch Conduit	3/4-Inch Conduit

UNITS WITHOUT REFLECTORS

For 1/2- and 3/4-Inch Conduit

75-150	...	10	343571	786548
200	...	11	343572	786549
300-500	...	14	343573	786550

UNITS WITH DOME REFLECTORS

For 1/2- and 3/4-Inch Conduit

75-100	12	10	343574	786551
150	14	10	343575	786552
200	16	11	343576	786553
300-500	18	14	343577	786554

UNITS WITH CONCENTRIC REFLECTORS

For 1/2- and 3/4-Inch Conduit

75-100	14	6 1/4	343581	786558
150	16	6 3/8	343582	786559
200	18	6 3/4	343583	786560
300-500	18	7 1/8	343111	786561

UNITS WITH DEEP BOWL REFLECTORS

For 1/2- and 3/4-Inch Conduit

75-150	10 1/2	10	343578	786555
200	10 1/2	11	343579	786556
300-500	15	14	343580	786557

UNITS WITH ANGLE REFLECTORS

For 1/2- and 3/4-Inch Conduit

100-200	10 1/2	13 3/8	343424	786562
300-500	14	16 1/4	337853	786563

Lamp Base	Depth Inches	—STANDARD PKG.—		—STYLE No.—	
		Quantity	Wt. Lb. Each	1/2-Inch Conduit	3/4-Inch Conduit

HOOD WITH SOCKET

For Conduit Mounting

Medium	5	10	7	349960	349977
Mogul	6 1/4	5	11	349963	349966

HOOD WITH SOCKET

For 4-Inch Outlet Box

Medium	4 3/4	10	7	339163
Mogul	6	5	11	339162

Note: Holophane Globe Catalog No. 2328 may be used with Style No. 339163 or 349960 Hood.

VAPOR-PROOF GLOBES

Size Inches	Std. Pkg. Qty.	Wt. Lb. Each	Clear Style No.	Crystal Roughed Inside Style No.	Ruby Style No.	Clear Heat- Resist- ing Style No.
5x5 Pear	10	5	349959	337629	349725	789206
5x6 Pear	10	5	336424	337626	337625	789207
8 Ball	5	8	336425	337628	337627	789208

VAPOR-PROOF GASKETS

Description	Style No.
For Medium Hood, Style No. 349960 or Style No. 339163	350452
For Mogul Hood, Style No. 349963 or Style No. 339162	350453

GLOBE GUARDS

For Lamp Size, Watts	—INCHES—		Style No.
	Dia.	Depth	
75-150	5 1/4	5	336420
200	6 1/4	7	349706
300-500	8 1/4	8	336422

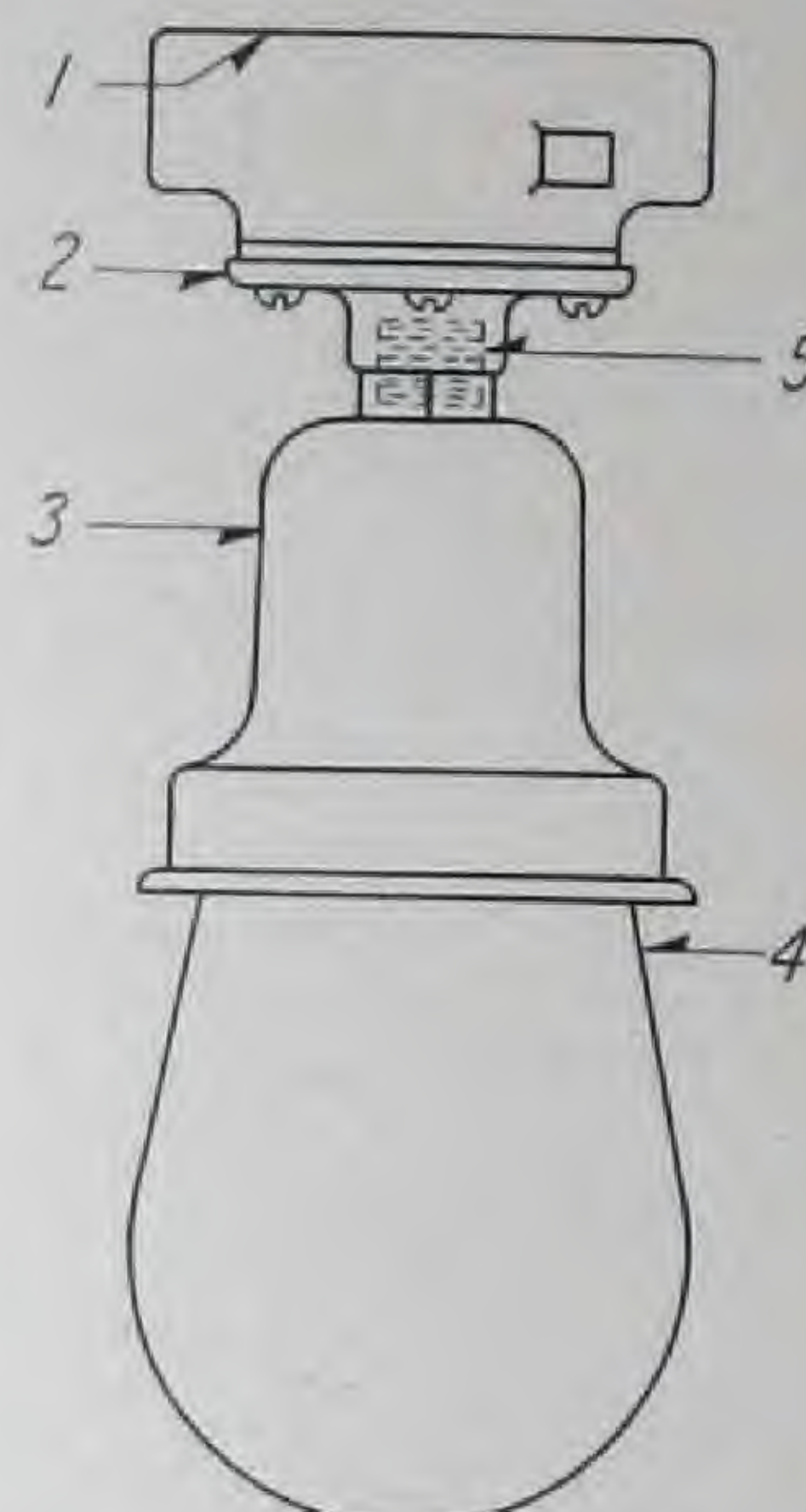
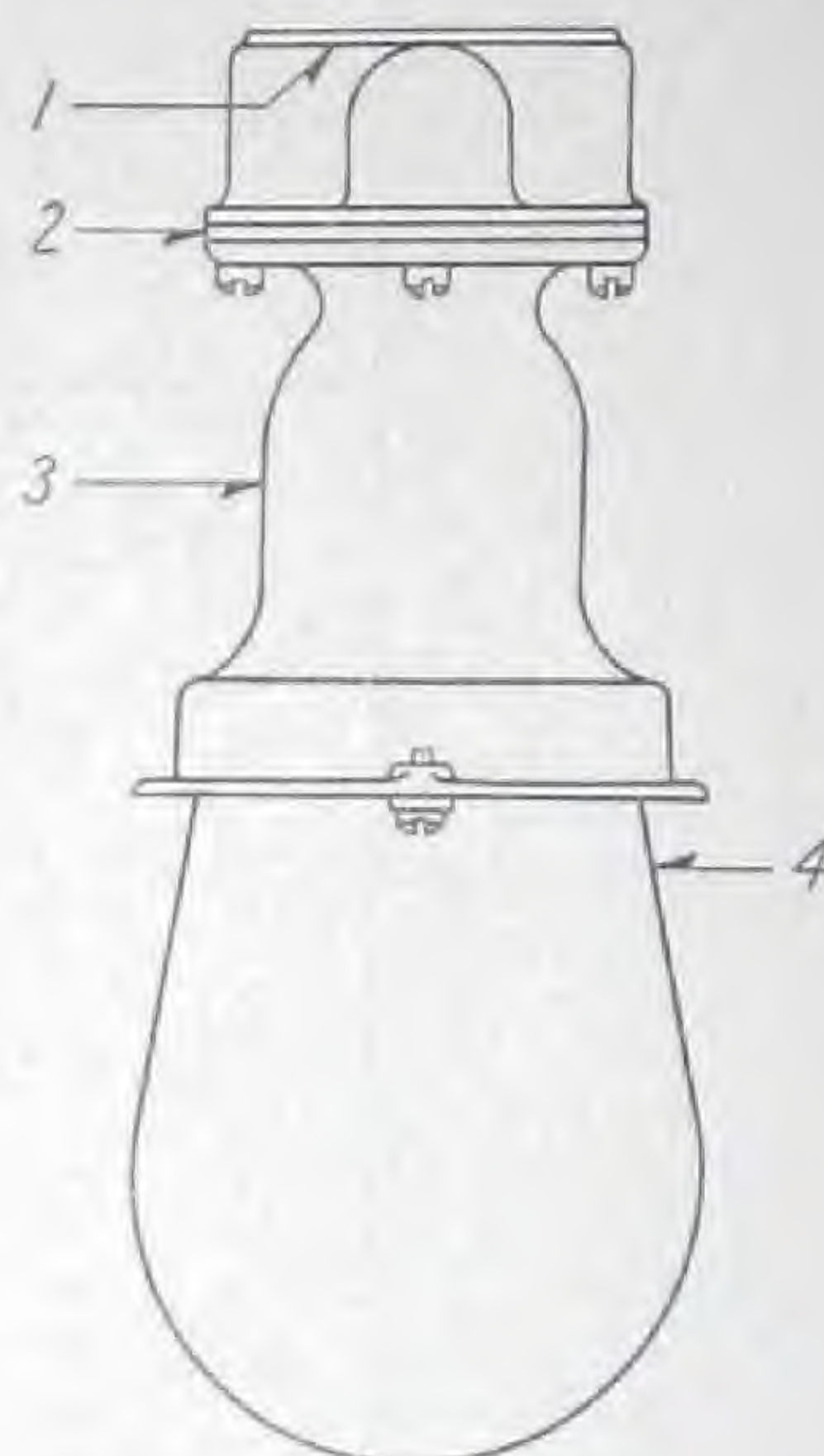
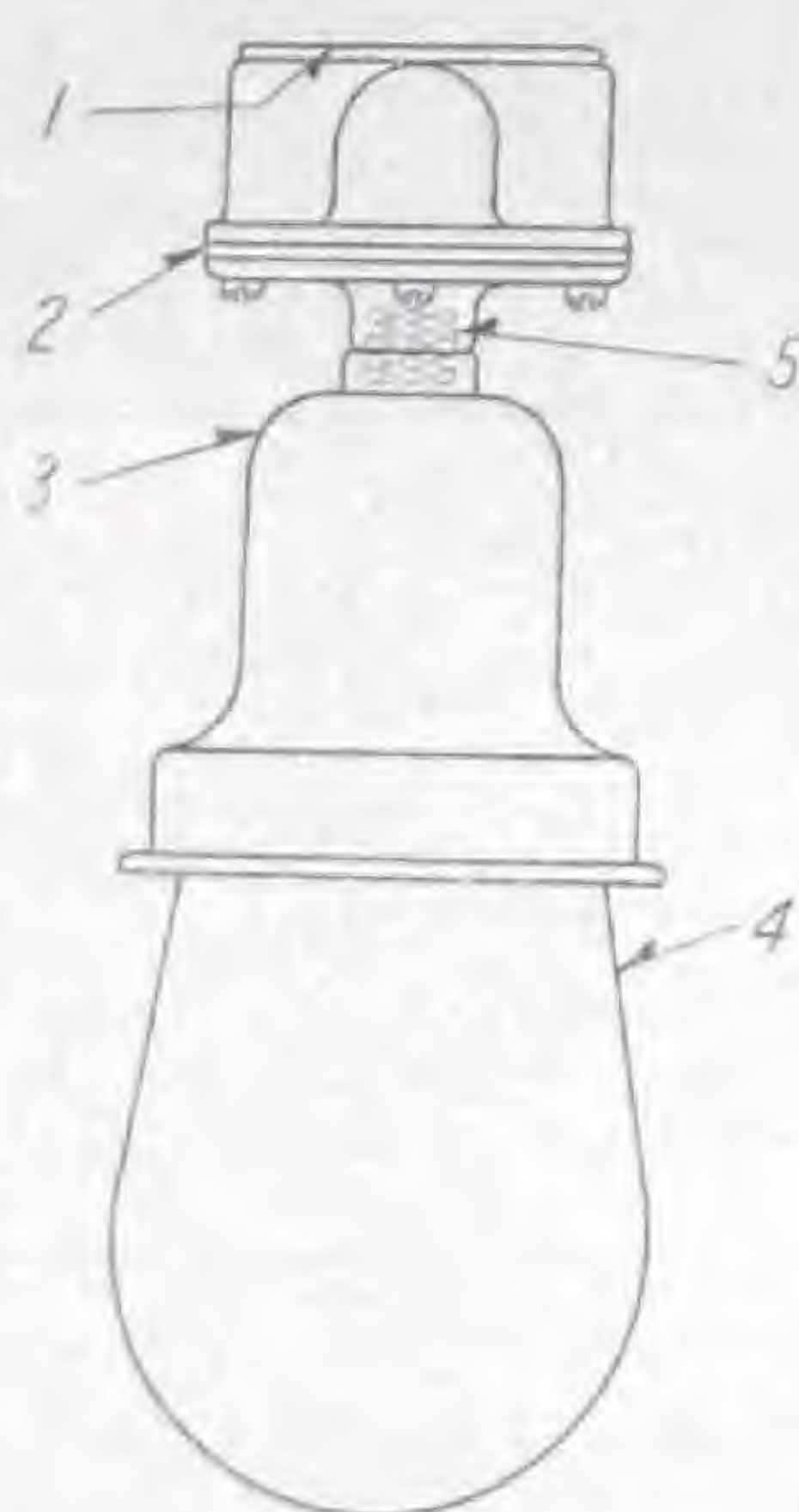
VAPOR-PROOF OUTLET BOXES*

Description	—STANDARD PKG.—		Style No.
	Quantity	Wt. Lb. Ship	
Cast Iron Box complete with screws, gasket and vapor-proof cover....	10	40	336957
Cast Iron Box complete with screws, gasket and cover.....	10	40	336956
Cast Iron Box complete with screws and gasket.....	10	30	336961
Vapor-proof cover only.....	10	10	786875
Plain cover only.....	10	10	786876
Gasket only.....	10	1	337014

*Specify tapping. See page 4.

VAPOR-PROOF REFLECTORS, GLOBES, HOODS AND SOCKETS—Continued

Assembly Layouts



1. Either Westinghouse Vapor-Proof Outlet Box Style No. 336957, or Westinghouse Moisture and Dust-Proof Outlet Box Style No. 336956. Neither box is tapped for conduit. They can be tapped for 1, 2, 3, or 4-way systems with $\frac{1}{2}$, $\frac{3}{4}$, or 1-inch pipe as desired.

2. Composition Gasket— is included in outlet box Style Nos. above.

3. Westinghouse Vapor-Proof Hoods— with medium socket for $\frac{1}{2}$ -inch conduit mounting, Style No. 349960; for $\frac{3}{4}$ -inch conduit, Style No. 349977 with mogul socket for $\frac{1}{2}$ -inch conduit mounting, Style No. 349963; for $\frac{3}{4}$ -inch conduit, Style No. 349966.

4. Westinghouse Clear Vapor-Proof Globes— 5 x 5-inch pear shaped, Style No. 349959 5 x 6-inch pear shaped, Style No. 336424 8-inch ball shaped, Style No. 336425

5. $\frac{1}{2}$ - or $\frac{3}{4}$ -inch Close Nipple— for connecting box cover and hood.

NOTE: Unit with Vapor-Proof Outlet Box, Style No. 336957, is vapor-proof irrespective of box, and meets the Underwriters' requirements for C and D ratings under vapor-proof fittings.

Unit with Moisture and Dust-Proof Outlet Box, Style No. 336956, is not vapor-proof irrespective of box.

1. Westinghouse Vapor-Proof Outlet Box Style No. 336961.

Box is not tapped for conduit. It can be tapped for 1, 2, 3, or 4-way systems with $\frac{1}{2}$, $\frac{3}{4}$, or 1-inch pipe as desired.

2. Composition Gasket— is included in outlet box Style No. above.

3. Westinghouse Vapor-Proof Hoods— with medium socket for outlet box mounting, Style No. 339163. with mogul socket for outlet box mounting, Style No. 339162.

4. Westinghouse Clear Vapor-Proof Globes— 5 x 5-inch pear shaped, Style No. 349959 5 x 6-inch pear shaped, Style No. 336424 8-inch ball shaped, Style No. 336425

NOTE: These units are Vapor-Proof irrespective of outlet box, and meet the Underwriters' requirements for C and D ratings under vapor-proof fittings.

1. Crouse Hinds Moisture and Dust-Proof Conduit, SK Series.

Crouse Hinds SK series conduit are not claimed to be vapor-proof but when used with Crouse Hinds gasket, an excellent water tight junction is provided.

2. Crouse Hinds Covers— for $\frac{1}{2}$ -inch conduit mounting is SK-84 for $\frac{3}{4}$ -inch conduit mounting is SK-86

3. Westinghouse Vapor-Proof Hoods— with medium socket for $\frac{1}{2}$ -inch conduit mounting, Style No. 349960; for $\frac{3}{4}$ -inch conduit, Style No. 349977. with mogul socket for $\frac{1}{2}$ -inch conduit mounting, Style No. 349963; for $\frac{3}{4}$ -inch conduit, Style No. 349966.

4. Westinghouse Clear Vapor-Proof Globes— 5 x 5-inch pear shaped, Style No. 349959 5 x 6-inch pear shaped, Style No. 336424 8-inch ball shaped, Style No. 336425.

5. $\frac{1}{2}$ - or $\frac{3}{4}$ -inch Close Nipple— for connecting box cover and hood.

NOTE: These units are not vapor-proof irrespective of outlet box. Complete unit including outlet box with vapor-proof line will meet the Underwriters' requirements for D rating only.

How to Specify Outlet Box Tapping*

Westinghouse Outlet Boxes, Style Nos. 336956 and 336957, can be tapped for 1, 2, 3, or 4-way systems with $\frac{1}{2}$, $\frac{3}{4}$, or 1-inch pipe as desired. Unless tapping is specified, these outlet boxes will be furnished not tapped for conduit. No charge is made for tapping when complete information regarding sizes of the tapped holes and the number

*See Outlet Box Listing page 3.

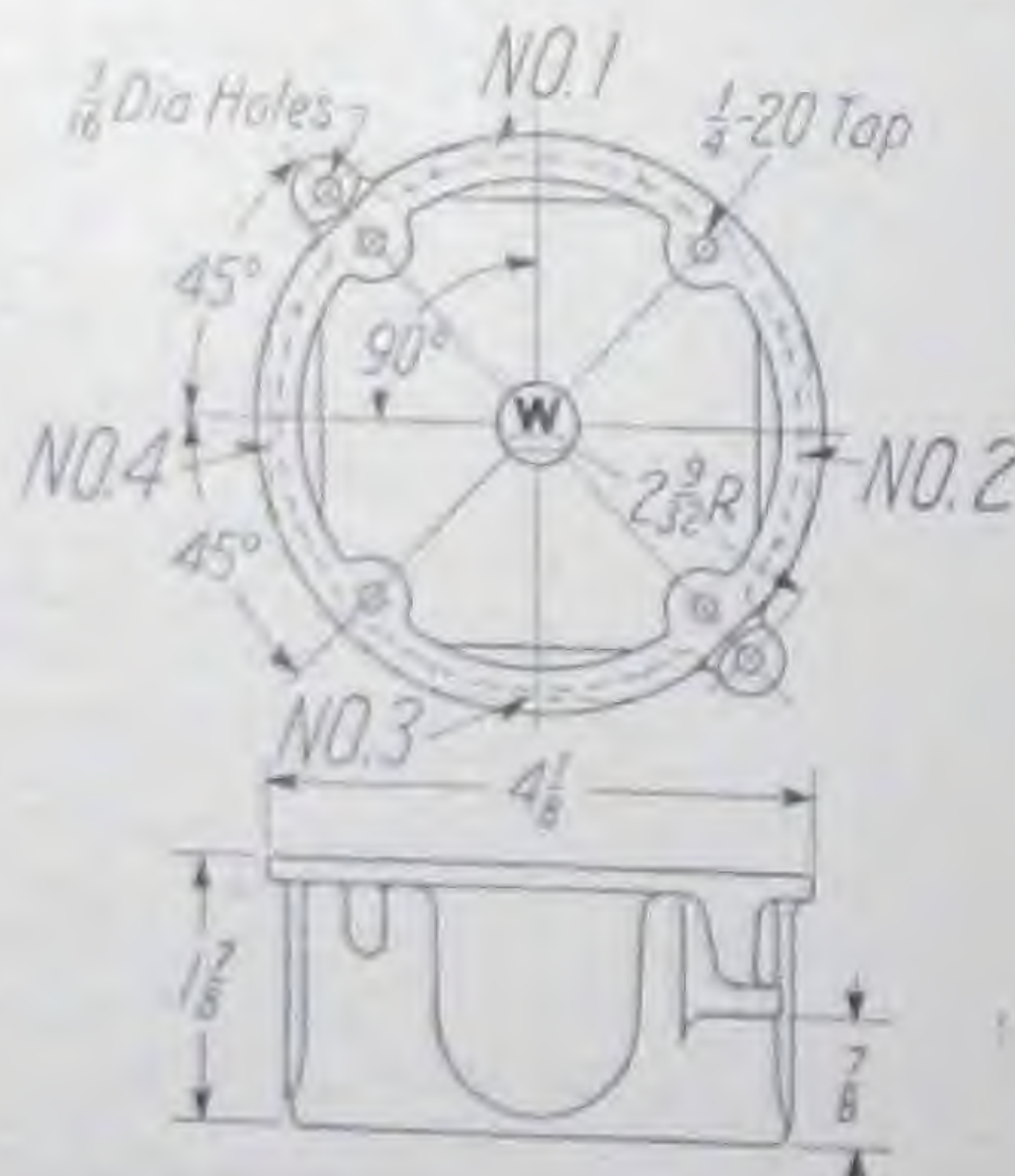


DIAGRAM FOR SPECIFYING TAPPING

of holes are given on the order. For convenience in specifying the tapping, use the diagram at left. Since the various bosses are numbered, it only will be necessary to specify the number of the boss and size of the hole. For example, a $\frac{1}{2}$ -inch hole at No. 1 and a $\frac{1}{2}$ -inch hole at No. 3 will give a 180-degree connection for $\frac{1}{2}$ -inch conduit.

GLASSTEEL DIFFUSERS

For the best illumination obtainable for industrial purposes the Glassteel Diffuser should be used. It furnishes plenty of soft, diffused light and absolutely eliminates glare under all conditions.

The Glassteel diffuser consists of a diffusing glass globe and a white porcelain-enamelled reflector which directs most of the light downward. This unit eliminates glare and softens shadows.

The reflector has six openings at the top which per-

mit light to reach the ceiling, reducing the contrast between the lighted area below and the space above it. Three sizes of glassware are used; the 10-inch with the small reflector, 18 inches in diameter, the 12-inch for the medium reflector, 21 inches in diameter and the 16-inch for the large 24-inch reflector. The breakage hazard is minimized by the reflector, which protects the glassware.

The globe is equipped with a copper ring around the fitter which takes up the pressure of the set-screw.



GLASSTEEL DIFFUSER GLOBES*

Lamp Size in Watts	Diameter Inches	GLOBE ONLY		Style No.
		STANDARD PACKAGE Quantity	Wt. Lbs.	
150-200	10	4		349895
300-500	12	4		349898
750-1000	16	2		340927

*Daylight blue globe—next page

TYPICAL GLASSTEEL DIFFUSER REFLECTORS

Diameter Inches	REFLECTOR ONLY		Bayonet Heel Style No.	Heavy Duty Screw Heel Style No.	Wemco Screw Heel Style No.	Wemco Quick Change Style No.
	STANDARD PACKAGE Quantity	Wt. Lbs.				
18	4		349801	349132	789209	789212
20	4		349802	349133	789210	789213
24	2		350496	350600	789211	789214



BAYONET HEEL REFLECTOR
SOCKET FOR OUTLET BOX
MOUNTING

OUTLET BOX BAYONET HEEL REFLECTOR-SOCKET

Lamp Size in Watts	SOCKET ONLY		Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.		Depth Inches	Style No.
150-200	4	6	349731	9 1/8	343020
300-500	4	10	349732	11 3/4	343021
750-1000	4	10	349732	14	343062

1/2- AND 3/4-INCH CONDUIT BAYONET HEEL REFLECTOR-SOCKET



BAYONET HEEL REFLECTOR
SOCKET FOR 1/2- AND 3/4-INCH
CONDUIT MOUNTING

Lamp Size in Watts	SOCKET ONLY				COMPLETE UNIT		
	STANDARD Quantity	PACKAGE Wt. Lbs.	STYLE No.		Depth Inches	$\frac{1}{2}$ -Inch	$\frac{3}{4}$ -Inch
			$\frac{1}{2}$ -Inch	$\frac{3}{4}$ -Inch		Conduit Style No.	Conduit Style No.
150-200	4	6	349729	349578	10 $\frac{1}{8}$	343018	343861
300-500	4	10	349730	349579	13	343019	343862
750-1000	4	10	349730	349579	15 $\frac{1}{4}$	343061	786770

GLASSTEEL DIFFUSERS—Continued



OUTLET BOX STEEL HOOD

OUTLET BOX PORCELAIN ENAMELED STEEL HOOD

Lamp Size in Watts	HOOD ONLY		Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.		Depth Inches	Style No.
150-200	4	8	349351	9½	343024
300-500	4	12	349379	12½	343025
750-1000	4	12	349379	13¾	343064



1/2- OR 3/4-INCH STEEL HOOD

1/2-INCH CONDUIT PORCELAIN ENAMELED STEEL HOOD

Lamp Size in Watts	HOOD ONLY		Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.		Depth Inches	Style No.
150-200	4	8	349339	10¾	343022
300-500	4	12	349341	13¼	343023
750-1000	4	12	349341	14½	343063



OUTLET BOX CAST HOOD

OUTLET BOX WEMCO CAST HOODS

Lamp Size in Watts	HOOD ONLY		Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.		Depth Inches	Style No.
150-200	4	8	789215	12¼	789229
300-500	4	12	789216	13½	789230

1/2- OR 3/4-INCH CONDUIT
CAST HOOD

1/2- AND 3/4-INCH CONDUIT WEMCO CAST HOODS

Lamp Size in Watts	HOOD ONLY		1/2-Inch Conduit Style No.	3/4-Inch Conduit Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.			Depth Inches	Style No.
150-200	4	8	789217	789219	12¼	789231
300-500	4	12	789218	789220	14	789232
						789233
						789234



OUTLET BOX CAST HOOD

OUTLET BOX WEMCO QUICK CHANGE CAST HOODS

Lamp Size in Watts	HOOD ONLY		Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.		Depth Inches	Style No.
150-200	4	8	789221	12¼	789235
300-500	4	8	789221	13½	789236



1/2- OR 3/4-INCH CAST HOOD

1/2- AND 3/4-INCH CONDUIT WEMCO QUICK CHANGE CAST HOODS

Lamp Size in Watts	HOOD ONLY		1/2-Inch Conduit Style No.	3/4-Inch Conduit Style No.	COMPLETE UNIT	
	STANDARD PACKAGE Quantity	Wt. Lbs.			Depth Inches	Style No.
150-200	4	8	789223	789225	12¼	789237
300-500	4	8	789223	789225	14	789238
						789239
						789240

ONE PIECE 1/2-INCH
CONDUIT MOUNTING

ONE-PIECE GLASSTEEL DIFFUSER

Lamp Style in Watts	Depth Inches	COMPLETE UNIT		Style No.
		STANDARD PACKAGE Quantity	Wt. Lbs.	
150-200	12¼	4	..	789227
300-500	14	4	..	789228

*For color correction use daylight blue globes; 10-inch, Style No. 349896; 12-inch, Style No. 349899; 16-inch, Style No. 342227.

For color matching use daylight blue globes; 10-inch, Style No. 786902; 12-inch, Style No. 786903; 16-inch, Style No. 786904.

Glassteel Diffuser Reflectors without top openings can be furnished on special order at the regular prices.

ELLIPTICAL ANGLE REFLECTORS

Westinghouse Elliptical Angle Reflector differs from the symmetrical angle reflector in that the bowl of the reflector is flattened into the form of an ellipse. This reflector is of value not only for signboard lighting, but also for any area where wide lateral distribution is desirable. It is also adapted for use where

cranes interfere with overhead lighting or other places where lighting from the side is the only solution. This reflector is designed to build up the illumination between units and can be used to advantage for lighting vertical or horizontal areas from the side.



SIDE VIEW OF ELLIPTICAL ANGLE REFLECTOR

TYPICAL
REFLECTORS

FRONT VIEW OF ELLIPTICAL ANGLE REFLECTOR

REFLECTORS ONLY

Lamp Size in Watts	DIMENSIONS—INCHES		Depth Inches	STANDARD PKG.		Style No.
	Width	Length		Quantity	Wt. Lbs.	
60- 100	8 ⁷ / ₈	13 ¹ / ₄	9 ¹ / ₄	10	30	349807
150	8 ⁷ / ₈	13 ¹ / ₄	10 ¹ / ₈	10	30	349808
200	11 ¹ / ₈	16 ³ / ₈	13	10	35	349809
300- 500	13 ¹ / ₈	19 ¹ / ₈	15 ¹ / ₄	5	30	349810
750-1000	13 ¹ / ₈	19 ¹ / ₈	16 ³ / ₄	5	40	349462

BAYONET HEEL
REFLECTOR-SOCKET FOR
OUTLET BOX MOUNTING

OUTLET BOX BAYONET HEEL REFLECTOR-SOCKET

LAMP SIZE		Depth Inches	SOCKET ONLY			COMPLETE UNIT	
in Watts	Base		STANDARD Pkg. Quantity	Wt. Lbs.	Style No.	Depth Inches	Style No.
60- 100	Med.	1 $\frac{3}{4}$	10	16	336389	11	343564
150	Med.	1 $\frac{3}{4}$	10	16	336389	11 $\frac{7}{8}$	343565
200	Med.	1 $\frac{3}{4}$	10	16	336389	14 $\frac{3}{4}$	343566
300- 500	Mog.	2 $\frac{3}{4}$	5	13	336393	17 $\frac{7}{8}$	343567
750-1000	Mog.	2 $\frac{3}{4}$	5	13	336393	19 $\frac{1}{2}$	337851



1/2- AND 3/4-INCH CONDUIT BAYONET HEEL REFLECTOR-SOCKET

LAMP SIZE			SOCKET ONLY				COMPLETE UNIT		
Lamp Size in Watts	Base	Depth Inches	STANDARD PKG.		STYLE No.		Depth Inches	Style No. 1/2-Inch Conduit	Style No. 3/4-Inch Conduit
			Quantity	Wt. Lbs.	1/2-Inch	3/4-Inch			
60- 100	Med.	2 3/4	10	16	336387	336388	12	343560	786615
150	Med.	2 3/4	10	16	336387	336388	12 7/8	343561	786616
200	Med.	2 3/4	10	16	336387	336388	15 1/4	343562	786617
300- 500	Mog.	4	5	13	336391	336392	19 1/8	343563	786618
750-1000	Mog.	4	5	13	336391	336392	20 3/4	337850	786619

ELLIPTICAL ANGLE REFLECTORS—Continued



SIDE VIEW OF ELLIPTICAL ANGLE REFLECTOR



FRONT VIEW OF ELLIPTICAL ANGLE REFLECTOR

TYPICAL
REFLECTORSWEMCO SCREW THREAD
OUTLET BOX CAST HOOD

OUTLET BOX WEMCO CAST HOODS

LAMP SIZE in Watts	Base	Depth Inches	HOOD ONLY		Style No.	COMPLETE UNIT	
			STANDARD PEG. Quantity	Wt. Lbs.		Depth Inches	Style No.
75-100	Med.	13 1/4	10	20	340771	13 1/4	789241
150	Med.	13 1/4	10	20	340771	14 1/4	789242
200	Med.	13 1/4	10	20	340771	16 1/4	789243
300-500	Mag.	13 1/4	5	15	340499	18 1/4	789244
750-1000	Mag.	13 1/4	5	15	340499	20	789245

WEMCO SCREW THREAD
1/2-INCH CAST HOOD

1/2- AND 3/4-INCH CONDUIT WEMCO CAST HOODS

LAMP SIZE in Watts	Base	Depth Inches	HOOD ONLY		Style No.	Style No.	COMPLETE UNIT		
			STANDARD PEG. Quantity	Wt. Lbs.			Depth Inches	Style No.	Style No.
75-100	Med.	13 1/4	10	20	340489	786564	13 1/4	789246	789251
150	Med.	13 1/4	10	20	340489	786564	14 1/4	789247	789252
200	Med.	13 1/4	10	20	340489	786564	17	789248	789253
300-500	Mag.	13 1/4	5	15	340488	786565	19 1/4	789249	789254
750-1000	Mag.	13 1/4	5	15	340488	786565	20 1/2	789250	789255

WEMCO QUICK CHANGE
OUTLET BOX CAST HOOD

OUTLET BOX WEMCO QUICK CHANGE CAST HOODS

LAMP SIZE in Watts	Depth Inches	HOOD ONLY		Style No.	COMPLETE UNIT	
		STANDARD PEG. Quantity	Wt. Lbs.		Depth Inches	Style No.
75-100	13 1/4	10	20	347920	13 1/4	789256
150	13 1/4	10	20	347920	14 1/4	789257
200	13 1/4	10	20	347920	16 1/4	789258
300-500	13 1/4	10	20	347920	18 1/4	789259
750-1000	13 1/4	10	20	347920	20	789260

WEMCO QUICK CHANGE
1/2- OR 3/4-INCH CAST HOOD

1/2- AND 3/4-INCH CONDUIT WEMCO QUICK CHANGE CAST HOODS

LAMP SIZE in Watts	Depth Inches	HOOD ONLY		Style No.	Style No.	COMPLETE UNIT		
		STANDARD PEG. Quantity	Wt. Lbs.			Depth Inches	Style No.	Style No.
75-100	13 1/4	10	20	347919	786547	13 1/4	789261	789266
150	13 1/4	10	20	347919	786547	14 1/4	789262	789267
200	13 1/4	10	20	347919	786547	17	789263	789268
300-500	13 1/4	10	20	347919	786547	19 1/4	789264	789269
750-1000	13 1/4	10	20	347919	786547	20 1/2	789265	789270

ONE PIECE 1/2-INCH
CONDUIT MOUNTING

ONE PIECE ELLIPTICAL ANGLE REFLECTOR-SOCKET

LAMP SIZE in Watts	Depth Inches	COMPLETE UNIT		Style No.
		STANDARD PEG. Quantity	Wt. Lbs.	
75-100	13 1/4	10	35	789271
150	14 1/4	10	35	789272
200	16 1/4	10	45	789273
300-500	19 1/4	5	40	789274
750-1000	20 1/2	5	20	789275

ALUMINUM LOW, MEDIUM, AND HIGH REFLECTORS

Aluminum reflectors have been developed for all mounting heights as indicated in the listing below. Reflectors suitable for mounting heights of twenty feet and under, are specified as Low Mounting. Those for mounting heights of twenty-one to thirty-five feet are Medium Mounting, and those for thirty-six to fifty feet are High Mounting Reflectors. Those reflectors, for 200, 300, 500, 750 and 1000-watt PS-bulb lamps, have been designed for use in industrial interiors where the lighting equipment must be mounted 18 feet or higher. When the

reflector is screwed tightly into the hood, the unit is weatherproof and may be used outdoors.

The special deep bowl of these reflectors is made of aluminum and is furnished with a special oxidized finish which has an especially good reflection factor. The oxidized finish is not affected by heat, dirt or smoke and an occasional cleaning with ordinary cleaning powders will keep the unit at its maximum efficiency. Dust tight glass covers can be furnished for use with these reflectors when required.



TYPICAL UNIT WITH CAST-IRON HOOD

REFLECTORS ONLY

Mounting Height in Feet	Lamp Size In Watts	Diameter Inches	STANDARD PACKAGE Quantity	Wt. Lb.	Style No.
20 and under	200	14	4	30	780073
	300-500	16	4	25	780074
21 to 35	300-500	18	4	25	780075
21 to 35	750-1000	18	4	25	780076
36 to 50	300-500	18	4	30	780077
36 to 50	750-1000	18	4	30	780078



TYPICAL UNIT WITH PORCELAIN ENAMELED STEEL HOOD



CAST-IRON HOOD FOR OUTLET BOX MOUNTING

With Outlet Box Cast Iron Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth, Inches	Style No.	Depth, Inches
20 and under	200	780157	16	780285	16
	300-500	780158	18	780286	18
21 to 35	300-500	780158	18	780287	18
21 to 35	750-1000	780158	18	780288	18
36 to 50	300-500	780158	20	780289	20
36 to 50	750-1000	780158	20	780290	20

With 1/2- and 3/4-Inch Conduit Cast Iron Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth, Inches	Style No.	Depth, Inches
20 and under	200	340907	16	780079	16
	300-500	340908	18	780080	18
21 to 35	300-500	340908	18	780081	18
21 to 35	750-1000	340908	18	780082	18
36 to 50	300-500	340908	20	780083	20
36 to 50	750-1000	340908	20	780084	20



CAST-IRON HOOD FOR 1/2- OR 3/4-INCH CONDUIT

With Outlet Box Porcelain Enameled Steel Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth, Inches	Style No.	Depth, Inches
20 and under	200	343350	16	780703	16
	300-500	343492	18	780704	18
21 to 35	300-500	343492	18	780705	18
21 to 35	750-1000	343492	18	780706	18
36 to 50	300-500	343492	20	780707	20
36 to 50	750-1000	343492	20	780708	20

With 1/2- and 3/4-Inch Conduit Porcelain Enameled Steel Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth, Inches	Style No.	Depth, Inches
20 and under	200	349334	16	780091	16
	300-500	349336	18	780092	18
21 to 35	300-500	349336	18	780093	18
21 to 35	750-1000	349336	18	780094	18
36 to 50	300-500	349336	20	780095	20
36 to 50	750-1000	349336	20	780096	20



PORCELAIN ENAMEL STEEL HOOD FOR OUTLET BOX MOUNTING



PORCELAIN ENAMEL STEEL HOOD FOR 1/2- OR 3/4-INCH CONDUIT

CHROMIUM-PLATED LOW, MEDIUM, AND HIGH MOUNTING REFLECTORS

Chromium-plated reflectors have been developed for all mounting heights as indicated in the listing below. Two High Mounting Reflectors are listed, one a stippled reflector for mounting heights of thirty-six to fifty feet, and the other, a reflector with concentric rings producing a very concentrated beam for mounting heights of fifty feet and over. The chromium-plated reflecting surface has efficiency and durability second to none. Due to its hardness, ordinary cleaning compounds will not injure it. Also, due to its high melting point, the heat from the lamp for which the reflector is designed

will not discolor the reflecting surface or cause any other change. It is not affected by ordinary corrosive influences such as smoke, soot, fumes and moisture. It is recommended that dust-tight covers be used where chlorine fumes are likely to be found and mounting heights make frequent cleaning impossible.

Reflecting surfaces of reflectors for mounting heights of fifty feet and under have been stippled to eliminate filament striations. The concentric rings on the high mounting reflector for mounting heights over fifty feet serve the same purpose.



TYPICAL UNIT WITH CAST-IRON HOOD



TYPICAL UNIT WITH PORCELAIN ENAMELED STEEL HOOD

REFLECTORS ONLY

Mounting Height in Feet	Lamp Size In Watts	Diameter Inches	STANDARD PACKAGE Quantity	Wt. Lb.	Style No.
20 and under	200	14	4	30	341122
	300-500	16	4	35	341199
21 to 35	300-500	18	4	40	341219
	750-1000	18	4	40	341223
36 to 50	300-500	18	4	40	341224
	750-1000	18	4	40	341335
50 and over	500	17½	4	50	349922
	750-1000	17½	4	50	349923



CAST-IRON HOOD FOR OUTLET BOX MOUNTING

Mounting Height in Feet	Lamp Size In Watts	Style No.
20 and under	200	789157
	300-500	789158
21 to 35	300-500	789158
	750-1000	789158
36 to 50	300-500	789158
	750-1000	789158
50 and over	500	789158
	750-1000	789158

With Outlet Box Cast Iron Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth Inches	Style No.	No.
20 and under	200	789157	15½	789291	
	300-500	789158	17½	789292	
21 to 35	300-500	789158	17½	789293	
	750-1000	789158	17½	789294	
36 to 50	300-500	789158	19½	789295	
	750-1000	789158	19½	789296	
50 and over	500	789158	14½	789297	
	750-1000	789158	16½	789298	



PORCELAIN ENAMELED STEEL HOOD FOR OUTLET BOX MOUNTING

Mounting Height in Feet	Lamp Size In Watts	Style No.
20 and under	200	349967
	300-500	349968
21 to 35	300-500	349968
	750-1000	349968
36 to 50	300-500	349968
	750-1000	349968
50 and over	500	349968
	750-1000	349968

With ½- and ¾-Inch Conduit Cast Iron Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth Inches	Style No.	No.
20 and under	200	349745	16	341653	786771
	300-500	349746	18	341654	786772
21 to 35	300-500	349746	18	341655	786773
	750-1000	349746	18	341663	786774
36 to 50	300-500	349746	20	341664	786775
	750-1000	349746	20	341665	786776
50 and over	500	349746	19¼	343598	786777
	750-1000	349746	21¾	343599	786778



CAST-IRON HOOD FOR ½- OR ¾-INCH CONDUIT

With Outlet Box Porcelain Enameled Steel Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth Inches	Style No.	No.
20 and under	200	343492	15	341694	
	300-500	343492	17	341695	
21 to 35	300-500	343492	17	341696	
	750-1000	343492	17	341697	
36 to 50	300-500	343492	19	341717	
	750-1000	343492	19	341718	
50 and over	500	343492	18¼	343602	
	750-1000	343492	20¾	343603	



PORCELAIN ENAMELED STEEL HOOD FOR ½- OR ¾-INCH CONDUIT

With ½- and ¾-Inch Conduit Porcelain Enameled Steel Hoods

Mounting Height in Feet	Lamp Size In Watts	HOOD WITH SOCKET ONLY		COMPLETE UNIT	
		Style No.	Depth Inches	Style No.	No.
20 and under	200	349334	16	341688	789299
	300-500	349336	18	341689	789300
21 to 35	300-500	349336	18	341690	789301
	750-1000	349336	18	341691	789302
36 to 50	300-500	349336	20	341692	789303
	750-1000	349336	20	341693	789304
50 and over	500	349336	19¼	343600	789305
	750-1000	349336	21¾	343601	789306

CLAMP HOLDER TYPE REFLECTORS

For Brass Shell and Porcelain Sockets

Westinghouse clamp holders provide an easy and dependable method of attaching the various reflectors listed below to brass shell or porcelain sockets. Two types of clamp holders are furnished—one for brass shell sockets and a slightly larger one for porcelain sockets. These holders are permanently attached to the reflectors and the style number of the reflector includes the clamp holder.

The use of these reflectors with clamp holders for either brass shell or porcelain sockets makes a less expensive installation. The clamp holders are designed in such a way that a small amount of light is allowed to go upward. When the Westinghouse clamp holders are used and correctly mounted on the socket the light center will be in the proper position to produce maximum efficiency.



RLM DOME REFLECTOR WITH CLAMP HOLDER

REFLECTORS ONLY

Lamp Size In Watts	—DIMENSIONS IN.—		STANDARD Quantity	PKG. Wt. Lb.	—STYLE No.— with Clamp Holders for	
	Diameter	Depth			Brass Shell Sockets	Porcelain Sockets
RLM DOME REFLECTORS						
60	12	4¾	10	25	349071	349076
75-100	12	5¼	10	25	349072	349077
150	14	6½	10	30	349073	349078
200	16	7¾	10	35	349074	349079



SHALLOW DOME REFLECTOR WITH CLAMP HOLDER

SHALLOW DOME REFLECTORS

25-40	10	4 $\frac{3}{8}$	10	15	349063	349067
50-60	12	4 $\frac{7}{8}$	10	20	349064	349068
75-100	12	5 $\frac{3}{8}$	10	25	349065	349069
150	14	6	10	30	788218	788219
200	16	6 $\frac{3}{4}$	10	35	787582	787643



DEEP BOWL REFLECTOR WITH CLAMP HOLDER

DEEP BOWL REFLECTORS

25-40	5	3 $\frac{3}{8}$	10	10	789279	789280
50-60	7	5 $\frac{1}{4}$	10	15	349086	349090
75-100	8	6 $\frac{1}{8}$	10	18	349087	349091
150	8	7 $\frac{1}{8}$	10	20	349088	349092
200	10	8 $\frac{1}{8}$	10	25	349089	349093



SYMMETRICAL ANGLE REFLECTOR WITH CLAMP HOLDER

SYMMETRICAL ANGLE REFLECTORS

25-40	7	6	10	10	789281	789282
50-60	8	7	10	15	789283	789284
75-100	8	6 $\frac{5}{8}$	10	15	349081	349084
150-200	10	7	10	25	349082	349085

FOR DESCRIPTION of reflecting surface, application and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl and Symmetrical Angle reflectors, see Types of Reflectors, pages 3 and 4, Section 61-125.

ALUMINUM SCREW HEEL REFLECTORS

Application—The Aluminum Screw Heel Reflector is designed for any indoor or outdoor application where a light weight, less expensive, yet sturdy and efficient unit is desired.

Ease of Installation—Simply screw reflector to socket. For socket listing see page 1, Section 61-175.

Interchangeability—Reflectors of different shapes may be used with any type socket.

Approved Construction—Westinghouse Aluminum Screw Heel Reflectors are approved by the National Board of Fire Underwriters.

REFLECTORS ONLY



RLM DOME REFLECTOR

Lamp Size In Watts	DIMENSIONS IN.		STANDARD Quantity	PKG. Wt. Lb.	Style No. Reflector
	Reflector Diameter	Reflector Depth			
RLM DOME REFLECTORS					
60	12	5½	10	25	349972
75-100	12	6	10	25	349973
150	14	7¼	10	30	349974
200	16	8¾	10	35	349975



SHALLOW DOME REFLECTOR

SHALLOW DOME REFLECTORS

25-40	10	4¾	10	15	349984
50-60	12	4¾	10	20	349985
75-100	12	5	10	25	349986
150	14	5¾	10	30	788216
200	16	6½	10	35	787581



DEEP BOWL REFLECTOR

DEEP BOWL REFLECTORS

25-40	5	3¾	10	10	789276
50-60	7	5¾	10	15	349990
75-100	8	6¾	10	18	349991
150	8	7½	10	20	349992
200	10	9	10	25	349993



SYMMETRICAL ANGLE REFLECTOR

SYMMETRICAL ANGLE REFLECTORS

25-40	7	6	10	10	789277
50-60	8	7	10	15	789278
75-100	8	7	10	15	349995
150-200	10	9¾	10	25	349996

NOTE: Weatherproof Aluminum Shell Sockets for use with these reflectors are listed on page 1, Section 61-175.

FOR DESCRIPTION of reflecting surface, application and light distribution curves of the RLM Dome, Shallow Dome, Deep Bowl and Symmetrical Angle reflectors, see Types of Reflectors, pages 3 and 4, Section 61-125.

PEAR-SHAPED REFLECTOR

This reflector is used as a shade on brackets for local lighting. It is made of steel, green porcelain enamel

outside, white porcelain enamel inside. It is furnished with a holder for brass shell sockets.



PEAR-SHAPED REFLECTOR

Length Inches	Depth Inches	STANDARD PACKAGE		Style No.
		Quantity	Wt. Lb.	
6	2½	10	5	351541

POST OFFICE REFLECTOR

This reflector was developed to light post office sorting racks and has been adopted by the Post Office Department for that purpose. It is suitable also for the lighting of book shelves, bulletin boards

and storage bins. It is finished in green porcelain enamel outside and white inside. Furnished with a holder for brass shell sockets.

POST OFFICE REFLECTOR
(SYMMETRICAL ANGLE TYPE)

Diameter Inches	Depth Inches	STANDARD PACKAGE		Style No.
		Quantity	Wt. Lb.	

SYMMETRICAL ANGLE TYPE

8	6¼	10	20	785092
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BOWL TYPE

7	6	10	15	350256
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SHALLOW BOWL REFLECTORS



SHALLOW BOWL REFLECTOR

Diameter Inches	Standard Heel Diameter Inches	STANDARD PACKAGE		Style No.
		Quantity	Wt. Lb. Ship.	
10	2¼	10	15	350460
12	2¼	10	20	350461
14	2¼	10	25	350462
15	3¼	10	30	350463

BOILER GAUGE LIGHTS

The boiler gauge light consists of a tubular reflector with a bayonet attachment to the socket flange. A compression spring serves to maintain this connection and to hold the lamp in place. Thus, neither reflector nor lamp can loosen under vibration. May be mounted on guard rail of water gauge.

BOILER GAUGE
LIGHT

For Lamp Size, Watts	Bulb	STANDARD PACKAGE		Depth Inches	Style No.
		Quantity	Wt. Lb., Ship.		
25	T-10	5	20	10	349772
40	T-8	5	25	16½	349752

REFLECTORS FOR TYPE A LAMPS

With Clamp Holders for Brass-Shell Sockets

Reflectors for Type A Lamps are small reflectors for local lighting to supplement general illumination where high intensities are required in small areas. The 8-inch Dome Reflector is furnished with a $2\frac{1}{2}$ -inch Standard Heel for shade holders. The $4\frac{3}{4}$ -inch Bowl Reflector, the Sewing-Machine Reflector and

the Portable Reflector are furnished with a clamp holder for brass shell sockets.

All of the Reflectors for Type A Lamps are made of steel, with the outside finished in green porcelain, and the inside finished in white porcelain.



8-INCH DOME REFLECTOR

Description	Diameter inches	Depth Inches	STANDARD Quantity	PACKAGE Wt. Lbs. Ship.	Style No.
Dome reflector.....	8	3 $\frac{3}{4}$	10	15	353017

 $4\frac{3}{4}$ -INCH BOWL REFLECTOR

Bowl reflector.....	$4\frac{3}{4}$	3	10	10	351544
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SEWING MACHINE
REFLECTOR

Sewing-machine reflector.....	3 $\frac{3}{4}$	4	10	5	353747
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PORTABLE REFLECTOR

Portable reflector.....	6 $\frac{3}{4}$	3 $\frac{1}{2}$	10	10	351540
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When specially ordered, these reflectors can be furnished in Duco finish, green outside and white inside.

WIRE GUARDS FOR REFLECTORS

Reflector guards are a useful protection wherever lamps are liable to theft or breakage; in industrial plants, public places and especially in gymnasiums, where the lamps are likely to be struck by balls.



WIRE GUARD ON RLM REFLECTOR

These reflector guards are made of heavily-tinned steel wire. The wire guard is hinged to a ring of the same material with electrically welded clamp to engage the beaded edge of the reflector. A spring-catch opposite the hinge holds the guard in position or allows it to be lowered for cleaning or for renewing lamps without disturbing the band around the edge of the reflector. A padlock can be used wherever necessary to lock the guard to the reflector.

SIZE IN INCHES		STANDARD Quantity	PACKAGE Wt., Lb. Ship.	Reflector Guard Style No.
Diameter	Depth			
8	2 5/8	10	10	351487*
10	2	10	12	344722
12	2 7/8	10	13	351494
14	4 1/8	10	15	351495
15	4 1/2	10	18	344723
16	5 1/2	10	20	351497
18†	5 3/4	10	25	351498†
20-21‡	7 1/8	10	59	351499‡
24§	7 1/4	10	65	338109§
Corbin padlock with two keys.....		10	2	351484

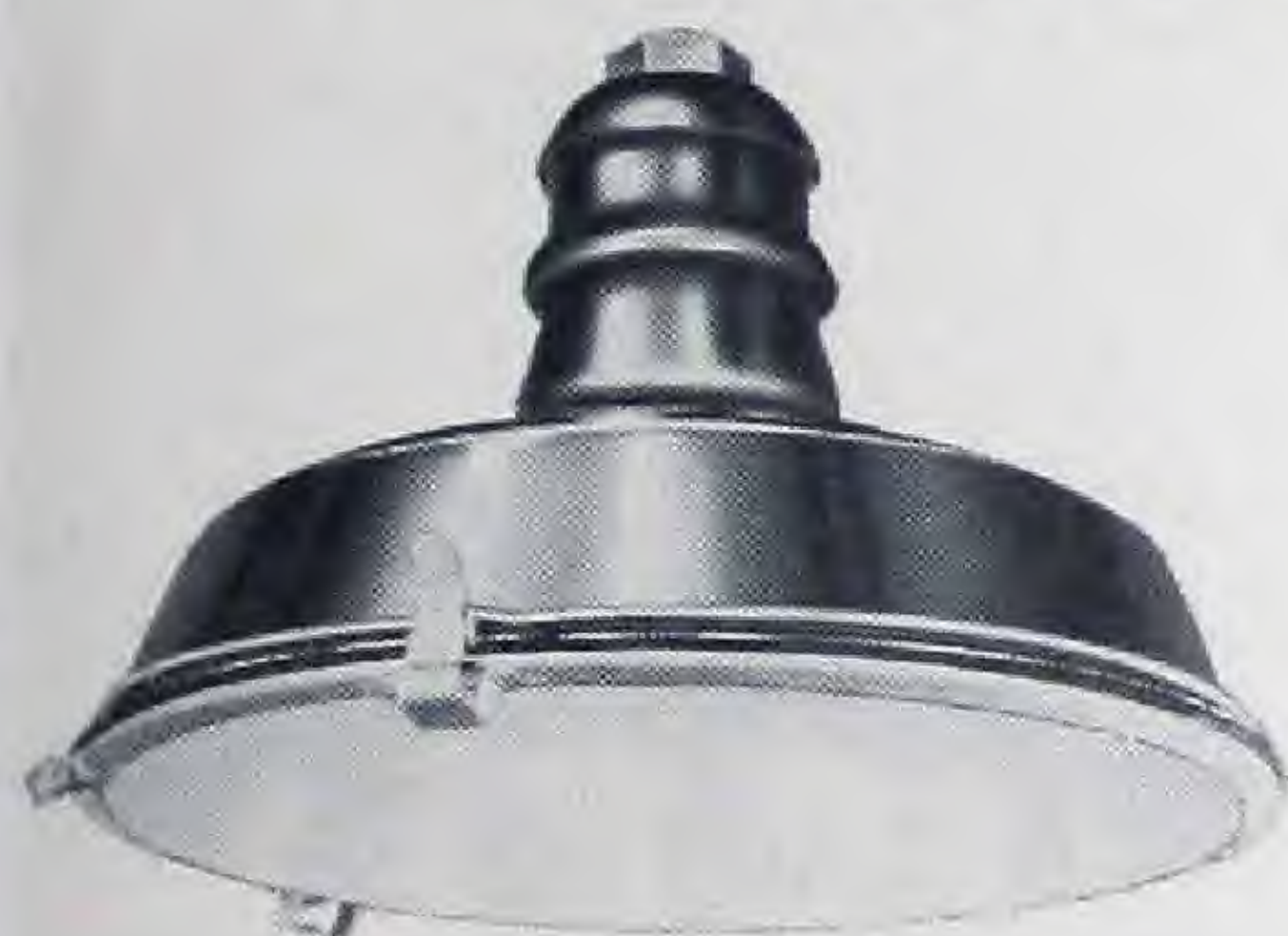
*The 8-inch wire guard fits the Westinghouse 8-inch Dome reflector, Style No. 353017.

†Style No. 351498 Guard fits the Glassteel Diffuser reflectors, Style Nos. 349801 and 349132

‡Style No. 351499 Guard fits the Glassteel Diffuser reflectors, Style Nos. 349802 and 349133

§Style No. 338109 Guard fits the Glassteel Diffuser reflectors Style Nos. 350496 and 350600

DUST-TIGHT GLASS COVERS FOR REFLECTORS



DUST-TIGHT COVER ON RLM REFLECTOR

Dust-tight covers should be used on reflectors which are installed where smoke or dust is likely to reduce the efficiency of the reflecting surface or when reflectors are mounted in inaccessible locations. Considerable time can be saved in the cleaning of the reflector when glass covers are used since much less time is required to clean the smooth outer surface of the glass cover than the lamp and the inside of the reflector.

Westinghouse dust-tight covers are easily and quickly installed. The complete cover is held to the reflector by a wire ring. The cover is hinged to this ring and the felt gasket is held tightly against the edge of the reflector by clips. By releasing these clips the lamp can be replaced without difficulty.

FOR RLM REFLECTORS

R.L.M. Dome Reflector Lamp Size, Watts	COVER COMPLETE WITH GLASS Diameter Inches	STANDARD PKG.		Style No.	GLASS ONLY		Style No.
		Quan.	Wt., Lb.		Quan.	Wt., Lb.	
50-100	12	5	12	340837	5	8	340935
150	14	5	14	340851	5	10	341057
200	16	5	17	340932	5	13	341058
300-500	18	5	23	340933	5	19	341059
750-1000	20	5	28	340934	5	24	341060
COVER COMPLETE WITH DIFFUSING GLASS					DIFFUSING GLASS ONLY		
50-100	12	5	12	789311	5	8	789090
150	14	5	14	789312	5	10	789091
200	16	5	17	789313	5	13	789092
300-500	18	5	23	789314	5	19	789093
750-1000	20	5	28	789315	5	24	789094
COVER COMPLETE WITH DAYLIGHT BLUE GLASS					DAYLIGHT BLUE GLASS ONLY		
50-100	12	5	12	789316	5	8	789095
150	14	5	14	789317	5	10	789096
200	16	5	17	789318	5	13	347895
300-500	18	5	23	789319	5	19	789097
750-1000	20	5	28	789320	5	24	789098
COVER COMPLETE WITH DIFFUSING DAYLIGHT BLUE GLASS					DIFFUSING DAYLIGHT BLUE GLASS		
50-100	12	5	12	789321	5	8	789099
150	14	5	14	789322	5	10	789307
200	16	5	17	789323	5	13	789308
300-500	18	5	23	789324	5	19	789309
750-1000	20	5	28	789325	5	24	789310

FOR ALUMINUM AND CHROMIUM REFLECTORS

For Reflectors Style Nos.	COVER COMPLETE WITH GLASS				GLASS ONLY		
	Diameter Inches	Quan.	Wt., Lb.	Style No.	Quan.	Wt., Lb.	Style No.
786673 or 341122	14	4	12	341064	4	10	341068
786674 or 341199	16	4	14	341065	4	12	341069
786675, 786676, 786677, 786678 } 341219, 341223, 341224, 341335 }	18	4	20	341067	4	16	341070

SAFECHANGE HANGERS

The Safechange Hanger is for use in industrial plants to facilitate removing and replacing reflectors. While several excellent automatic devices are obtainable for facilitating cleaning, such as the Automatic Cut-out Hanger and the Pulley-socket Fixture, the Safechange Hanger meets the needs of many industrial plants where an inexpensive and simple method of cleaning reflectors and re-lamping lighting units is required.

The Safechange Hanger is simple, economical, safe, polarized, flexible and a time saver.

All the maintenance man needs is a ladder and a few spare units. Taking a clean unit with him, the workman climbs the ladder, disconnects the plug of the Safechange Hanger and removes the unit with his free hand. With his other



ALL THAT THE MAINTENANCE MAN NEEDS IS A LADDER AND A FEW SPARE UNITS

hand, he hangs the clean unit that he carried up the ladder. The attachment plug must be disconnected before the unit can be removed from the hook because, while the electrical connection is in place, the plug locks the unit on the hook. This arrangement eliminates the chance of a unit falling because of a knock or excessive vibration. The Safechange Hanger consists of two small castings. The upper is threaded at the top for attachment to conduit and terminates in a hook with plug housing alongside.

The lower casting consists of an eye to which the lamp socket is attached. Current is conducted to the lamp through the receptacle and plug from which it enters the socket through an insulated bushing.



SAFECHANGE HANGER WITH PORCELAIN ENAMELED STEEL HOOD FOR GLASSSTEEL DIFFUSERS

FOR ALL SOCKETS OR HOODS TAPPED FOR 1/2-INCH CONDUIT

Type of Mounting	—STANDARD PKG.— Quan.	Wt., Lb.	Style No.
1/2-inch Conduit	10	15	346571
4-inch Outlet Box	10	15	346572

WITH PORCELAIN ENAMELED STEEL HOOD FOR HEAVY DUTY REFLECTORS

Lamp Base	Hood Desc.	—STANDARD PKG.— Quan.	Wt., Lb.	Style No.
Medium	Green Porcelain	10	35	346100*
Mogul	Green Porcelain	5	25	346102

WITH PORCELAIN ENAMELED STEEL HOOD FOR GLASSSTEEL DIFFUSERS

Medium	White Porcelain	10	35	345993
Mogul	White Porcelain	5	25	346101

*Style numbers of Safechange Hangers with hoods include shock absorbers.
†Includes 1/4-inch by 1/4-inch straight pipe nipple Style No. 334879.



SAFECHANGE HANGER FOR 1/2-INCH CONDUIT SOCKETS OR HOODS

SHOCK ABSORBING SWIVEL HANGER

For Suspension from 4-Inch Outlet Box

This device consists of a small compact cast-iron housing containing two coiled bronze springs so arranged that the weight of the fixture and stem floats between the springs. In this way the shock is absorbed both above and below the fixture support. The housing is designed for attachment

to a 4-inch outlet box and by the addition of a small cast-iron cover is suitable for attachment to $\frac{1}{2}$ -inch conduit. The attachment which receives the fixture stem is tapped for $\frac{1}{2}$ -inch conduit.

The Shock Absorbing Swivel Hanger furnishes very effective protection to the lamp in cases of excessive vibration and it also serves as an always level swivel hanger. This unit is designed to allow a total swing of approximately 15° in any direction.



SHOCK ABSORBING
SWIVEL HANGER

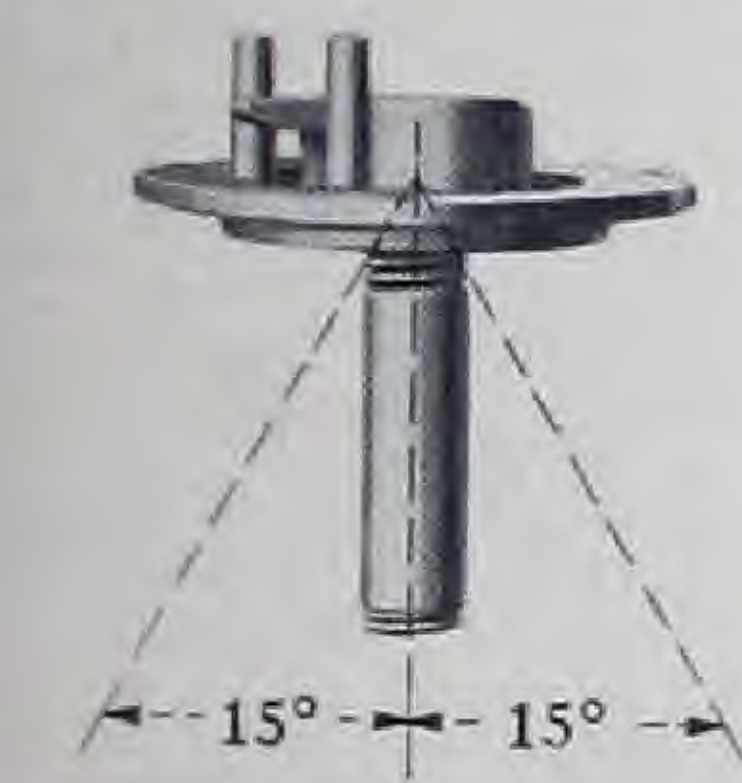
Description	—STANDARD PACKAGE—		Depth Inches	Style No.
	Quantity	Wt., Lb.		
Shock Absorbing Swivel Hanger..... NOTE—Pipe nipple not included.	10	25	1 $\frac{3}{4}$	343493

ALWAYS LEVEL SWIVEL HANGER

For Suspension from 4-Inch Outlet Box

This hanger is a ball-and-socket arrangement which serves as a 4-inch outlet box cover supporting the fixture so that it may swing in any direction when struck.

Made of cast iron, galvanized and painted green. Designed to allow a 15° swing in any direction. Tapped for $\frac{1}{2}$ -inch conduit.



SWIVEL HANGER
FOR 4-INCH OUTLET BOX

Description	—STANDARD PACKAGE—		Style No.
	Quantity	Wt., Lb.	
Always Level Swivel Hanger..... NOTE—Pipe nipple not included.	10	15	350225

SUSPENSION EYES

Suspension eyes are made of cast iron, galvanized and enameled black. Porcelain bushings protect the entrance wires. For fixtures of low wattage where lamp cord or duplex cord can be used the single bushed suspension eye will be found convenient.

This arrangement allows lighting mains to be run in straight lines on ceilings without interfering with overhead belting. Double bushed eyes should be used in installations of over 200 watts per fixture. The entire fixture may be insulated when desired by using eyes with porcelain insulated suspension rings. Suspension eyes are tapped for $\frac{1}{2}$ -inch conduit.



SINGLE
BUSHED
SUSPENSION
EYE



DOUBLE
BUSHED
SUSPENSION
EYE



DOUBLE BUSHED
EYE WITH
INSULATED
SUSPENSION RING

Description	—STANDARD PACKAGE—		Depth Inches	Style No.
	Quantity	Ship. Wt., Lb.		
Single bushed.....	10	12	3 $\frac{1}{4}$	353750
Double bushed.....	10	15	3 $\frac{3}{8}$	335113
With insulated ring.....	10	23	5	344535

*NOTE—Includes $\frac{1}{2}$ x $\frac{3}{4}$ -inch straight pipe nipple Style No. 334879.

AUTOMATIC CUT-OUT HANGERS

For Use with Reflector-Socket Fixtures on Multiple Circuits

Reliable tests on typical installations show that on an average the loss of light, when reflectors are not regularly cleaned, amounts to nearly 50 per cent of that available when systematic cleaning is followed out.

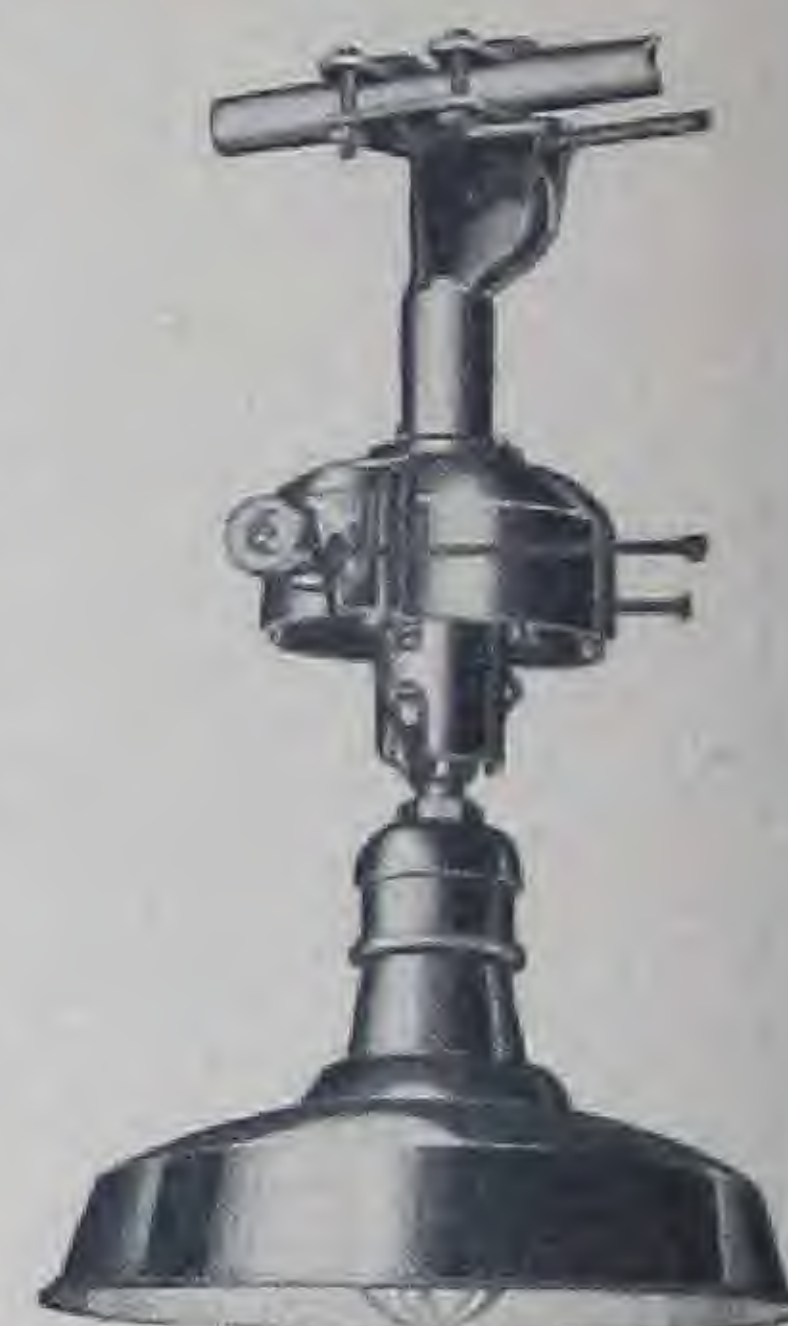


AUTOMATIC CUT-OUT HANGER WITH REFLECTOR-SOCKET FIXTURE ON SUSPENSION FITTING (SYMMETRICAL ANGLE TYPE)

These Automatic Hangers facilitate cleaning reflectors without the use of ladders, thus saving much time and expense with absolute protection against accidental short-circuits or contact with live wires. The rope for lowering an automatic cut-out is carried to the nearest column or wall where the attendant hooks on a hand line, then a pull on the rope disconnects the fixture from the circuit. It is then lowered to the floor for cleaning or renewing lamps. The next pull on the rope raises

the fixture to its original position, restoring the circuit and automatically locking the fixture in place so that it is supported independently of the rope. This hanger may be used with angle type reflectors and other fixtures designed to throw light in some particular direction, for the fixture as it re-enters the hanger always returns to its former position.

The universal suspension clamp furnished with this device may be used for fastening the hanger to the ceiling on conduit, cable or on a pipe bracket with $\frac{3}{4}$ - to $1\frac{1}{4}$ -inch pipe. A swivel pole pulley and $\frac{3}{16}$ - or $\frac{1}{4}$ -inch weatherproof cord or $\frac{1}{4}$ -inch galvanized ebony wire rope should be used in connection with this device.



AUTOMATIC CUT-OUT HANGER WITH REFLECTOR-SOCKET FIXTURE (RLM DOME TYPE)

Description	Standard Package	Ship Wt. Lb. Each	Style No.
With $\frac{1}{2}$ -inch male thread fitting.....	10	20	345338*
Suspension fittings for automatic cut-out hanger.....	10	2	336842

*NOTE—Above Style No. does not include socket, reflector or rope.

PORCELAIN BUSHINGS

When it is desired to suspend fixtures on drop cords, porcelain bushings may be used with any reflector-

sockets. For heavy reinforced cord $\frac{3}{4}$ -inch bushings with sockets for $\frac{3}{4}$ -inch conduits are recommended.



Description.....	TYPICAL SOCKET STYLE NUMBERS				Package Quantity	Style No.
$\frac{1}{2}$ -inch Bushing.....	336387	336391	336215	336219	100	346002
$\frac{3}{4}$ -inch Bushing.....	336388	336392	336398	336402	100	353777

PHOTOLUX CONTROL OF LIGHTING



Westinghouse Photolux is an accurate and reliable device that operates to turn electric lights on and off when daylight decreases or increases in intensity to a predetermined value. Operation is automatic.

Some of the places where Photolux has been applied to turn artificial light on and off, without any supervision, are as follows: Offices, Industrial Plants, Show Windows, Schools, Signs, Floodlighting, Street Lighting, Navigation, Lights, and Airway and Airport lighting.

These applications are examples that indicate the possibilities of Photolux application.

Description	Style No.
Type RA Photolux relay indoor, flush mounting without clock for 115 volts, 50-60 cycle.....	842000
Type RA Photolux relay indoor, projection mounting without clock for 115 volts, 50-60 cycle.....	842001
Type RA Photolux relay indoor, flush mounting with clock for 115 volts, 60 cycle.....	842003
Type RA Photolux relay indoor, projection mounting with clock for 115 volts, 60 cycle.....	842004
Type RB Photolux relay outdoor, without clock for 115 volts, 50-60 cycle*....	842006
Type RB Photolux relay outdoor, with clock for 115 volts, 60 cycle*.....	842007

*These units can be furnished with extended photo tubes and cabinets for indoor mounting. Units can be furnished for 25-cycle or for 230-volt operation. Prices on request.

SOCKETS FOR REPLACEMENT

Description	LAMP SIZE		STANDARD PKG.		Size Tapped Inches	Style No.
	In Watts	Base	Quantity	Wt. Lbs.		
FOR ONE-PIECE REFLECTORS						
Keyless Sockets with Castings	25-200	Med.	10	10	1/2	349564
	300-1000	Mog.	10	15	1/2	349569
Keyless Sockets without Castings	25-200	Med.	10	9	..	789331
	300-1000	Mog.	10	12	..	344649
Shock Absorbing Sockets with Castings	25-200	Med.	10	10	1/2	787781
	300-1000	Mog.	10	15	1/2	789326
Shock Absorbing Sockets without Castings	25-200	Med.	10	9	..	789327
	300-1000	Mog.	10	12	..	789328
Pull Chain Sockets with Castings	25-200	Med.	10	10	1/2	789329
Pull Chain Sockets without Castings	25-200	Med.	10	9	..	789330

FOR BAYONET, STANDARD HEEL AND GLASSTEEL UNITS*

Keyless Porcelain Socket Assembly	25-200	Med.	10	10	..	338762—Green
	300-1000	Mog.	10	15	..	349448—White
						338763—Green
						349447—White

FOR HEAVY DUTY, GLASSTEEL AND VAPOR-PROOF HOODS

Keyless Porcelain Socket Assembly	25-200	Med.	10	10	..	345915
	300-1000	Mog.	10	15	..	345916
Shock Absorbing Socket Assembly	25-200	Med.	10	10	..	789332
	300-1000	Mog.	10	15	..	789333
Pull Chain Socket Assembly**	25-200	Med.	10	10	..	342210
Self Locking Socket**	25-200	Med.	10	10	..	347727

FOR WEMCO HOODS

Keyless Porcelain Socket Assembly	25-200	Med.	10	10	..	342884
	300-1000	Mog.	10	15	..	344649
Pull Chain Socket Assembly	25-200	Med.	10	10	..	342210
Shock Absorbing Socket Assemblies	25-200	Med.	10	10	..	789334
	300-1000	Mog.	10	10	..	789335
Self Locking Socket	25-200	Med.	10	10	..	347727

FOR QUICK CHANGE WEMCO UNITS

Keyless Porcelain Socket Assembly	25-200	Med.	10	10	..	346514
	300-1000	Mog.	10	15	..	786990
Shock Absorbing Socket Assemblies	25-200	Med.	10	10	..	787366
	300-1000	Mog.	10	10	..	788166
Pull Chain Socket	25-200	Med.	10	10	..	787652

SOCKETS FOR ALUMINUM SCREW HEEL REFLECTORS***

Aluminum Shell Weather-proof Socket	25-200	Med.	10	12	3/8	349969
	25-200	Med.	10	12	1/2	349970
	25-200	Med.	10	12	Cord Grip	349971

FOR USE WITH 3-LIGHT LAMPS

Mogul sockets for use with 3-Light Lamps are available. These sockets are listed in Catalog Section 61-280 and may be used with Wemco or Heavy Duty Screw Heel Hoods.

*White porcelain assembly for Glassteel Diffusers.
Green porcelain cannot be used with Glassteel Units.

**For use with Heavy Duty Hood only. Pull chain and self-locking socket not recommended for Glassteel and Vapor-proof Hoods.

***See Section 61-168 for Aluminum Screw Heel Reflector listing.

WEATHER-PROOF ENCLOSING UNITS

For 1/2-Inch Conduit

WITH BALL GLOBE
AND REFLECTOR

BALL GLOBE



STALACTITE GLOBE



ACORN GLOBE



DISPLAY BALL GLOBE

WITH STALACTITE
GLOBE

—COMPLETE UNIT*—			HOOD WITH SOCKET STD. PKG.					GLOBE STD. PKG.				
For Lamp Size, Watts	Depth Inches	Style No.	Dia. Inches	Type	Quan.	Wt. Lb.	Style No.	Size Inches	Type	Quan.	Wt. Lb.	Style No.
100-150-200	14 1/2	341076	6	Medium	4	24	337763	10x6	Ball	4	16	335638
100-150-200	14 1/2	341077	6	Medium	4	24	337763	10x6	Stalac	4	16	335884
50-100-150	12 1/2	341078	6	Medium	4	24	337763	8x6	Acorn	4	10	336044
100-150-200	16 1/2	341079	8	Medium	4	28	337766	12x8	Ball	4	36	335640
300-500	16 1/2	341080	8	Mogul	4	28	337765	12x8	Ball	4	36	335640
200	16 1/2	341081	8	Medium	4	28	337766	12x8	Stalac	4	24	335885
300-500	16 1/2	341082	8	Mogul	4	28	337765	12x8	Stalac	4	24	335885

*Reflector not included. NOTE—Style No. 337764—6-inch hood with mogul socket can be supplied at list price of \$3.65 each.

REFLECTORS

For Complete Unit Style No.	Hood Dia. Inches	Standard Package Quantity	Dia. Inches	Style No.
341076, 341077, 341078	6	4	15	337769
341079, 341080, 341081, 341082	8	4	17 3/4	337770

NOTE—Prices on display globes will be quoted on application. Design to be reproduced must accompany inquiry.

COMMERCIAL BRACKETS



STANDARD BRACKET

Description	Std. Pkg. Quan.	Ship. Wt., Lb.	Style No.
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STANDARD BRACKETS

Standard bracket consists of a 3-foot gooseneck of 1/2-inch pipe, with grooved pole-plate for interior wiring.

Standard bracket, hot galvanized.. 4 4 338476

WALL BRACKETS

Wall bracket consists of a 4-foot gooseneck of 1/2-inch pipe and wall plate; holds lamp three feet from wall, leaving one foot of pipe to extend through wall for interior wiring.

Wall bracket, hot galvanized..... 4 5 338477

SPARTAN JUNIOR BRACKETS

Spartan junior bracket consists of a 3-foot gooseneck of 1/2-inch pipe, with wrought-iron scroll and grooved pole-plate.

Spartan Jr. bracket, hot galvanized 4 12 338478

ENTRANCE BRACKETS

Entrance bracket consists of a 4-foot gooseneck of 3/4-inch pipe, elbow and piece of 1/2-inch pipe, with cast-iron scroll and wall plate; holds the lamp three feet from wall, leaving one foot of pipe to extend through wall for interior wiring.

Entrance bracket, hot galvanized.. 4 22 338419

FARM LIGHTING FIXTURES



FARM LIGHTING FIXTURE

—COMPLETE UNIT—					REFLECTOR Style No.	SOCKET Style No.	GOOSENECK Style No.
REFLECTOR For Lamp Size, Watts	Dia. In.	Quan.	Wt., Lb.	Style No.			
25-40-60	12	10	50	343568	W303060	336387	342319
75-100	12	10	60	343569	W303075	336387	342319
150-200	15	10	80	343570	W303150	336387	342319



WALL BRACKET



SPARTAN JUNIOR BRACKET



ENTRANCE BRACKET

INDUSTRIAL CONCENTRATORS

APPLICATION

These industrial concentrators are for applications wherever a small inexpensive unit is desired for close range work and uniform illumination. They furnish diffused light for industrial applications such as fine assembly work, or machine and inspection work.

CONSTRUCTION

The reflector body is of sheet-iron, coated inside and out with porcelain enamel. The first coat is a ground coat after which one coat of green is applied outside and two coats of white inside, each coat being fired separately.

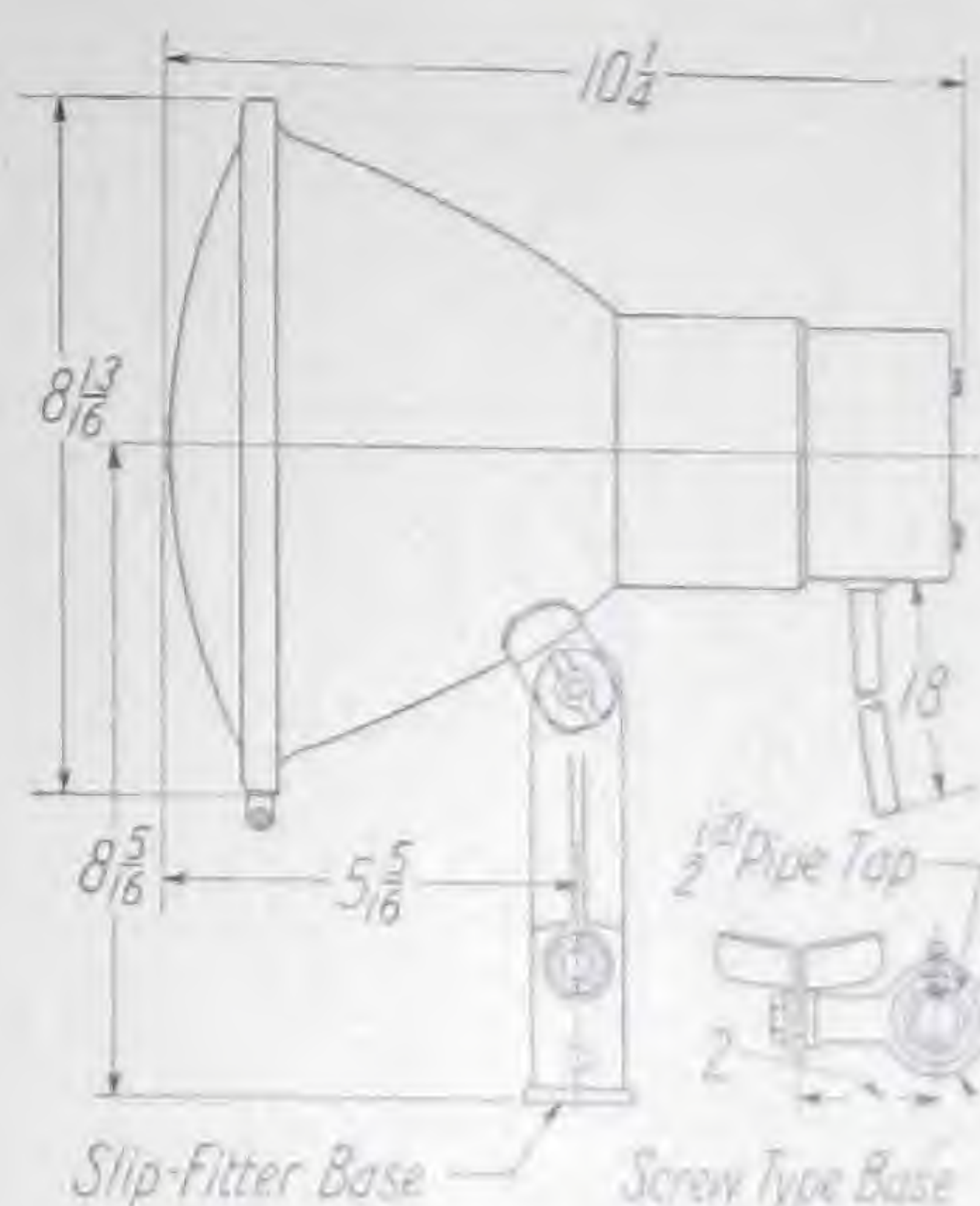
The glass covers are held in place by a ring holder, that can be easily removed for relamping.

To the bottom of each reflector or housing is attached an adjustable swivel which allows universal adjustment of the concentrator. On the concentrators with slip-fitter support the vertical adjustment is made at the lug on the

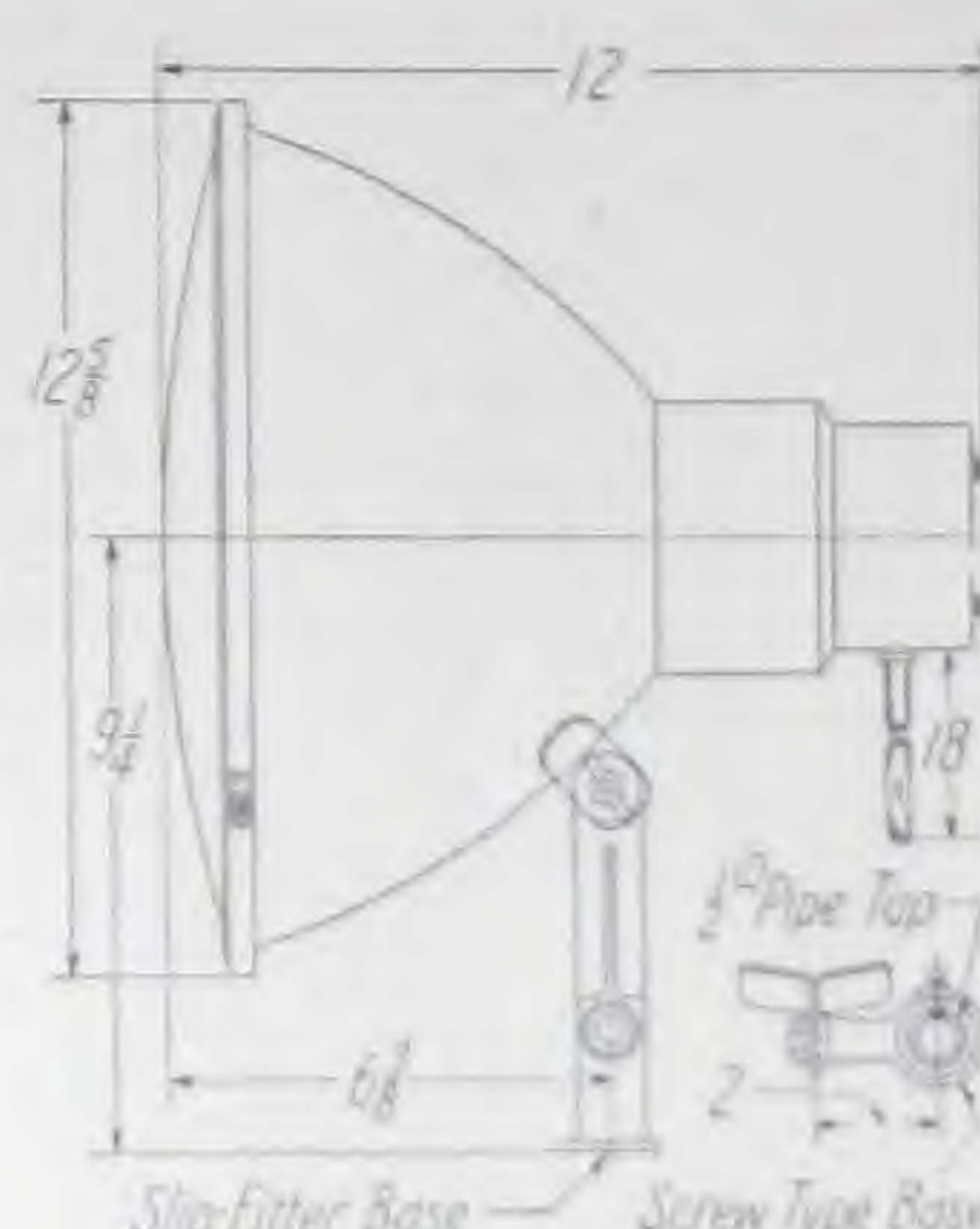
reflector, while the horizontal adjustment is made where the slip-fitter support slips down over the conduit. The slip-fitter support can be slipped over the end of $\frac{1}{2}$ -inch conduit and wire brought through the outlet bushing in the slip-fitter. This mounting arrangement is ideal for upright pipe supports or any position of the pipe support from upright to hori-

zontal. When it is desired to suspend the unit from $\frac{1}{2}$ -inch conduit a screw type base with set screw is available. Each concentrator is complete with 18 inches of cable to permit easy installation.

These concentrators are approved by the National Board of Fire Underwriters.



DIMENSIONS IN INCHES OF
8-INCH CONCENTRATOR



DIMENSIONS IN INCHES OF
12-INCH CONCENTRATOR



8-INCH CONCENTRATOR WITH
SLIP-FITTER SUPPORT



12-INCH CONCENTRATOR WITH
SLIP-FITTER SUPPORT



8-INCH CONCENTRATOR WITH
SCREW TYPE BASE



12-INCH CONCENTRATOR WITH
SCREW TYPE BASE

Description	Std. Pkg. Quantity	Approx. Lb. Ship. Wt.	Lamp Size In Watts	Style No.

8-INCH CONCENTRATORS

With slip-fitter support and plain cover glass.....	2	6	75-100	788576
With screw type base for $\frac{1}{2}$ -inch conduit suspension mounting and plain cover glass.....	2	6	75-100	786851

12-INCH CONCENTRATORS

With slip-fitter support and plain cover glass.....	2	10	150*-200	788577
With screw type base for $\frac{1}{2}$ -inch conduit suspension mounting and plain cover glass.....	2	10	150*-200	786854

*Use Style No. 343985 extension.

ACCESSORIES

Description	Approx. Lb. Ship. Wt.	Style No.

8-INCH CONCENTRATORS

Plain cover glass with holder.....	2 1/2	786908
Plain cover glass only.....	2	786862
Holder ring only.....	1/2	786909

12-INCH CONCENTRATORS

Plain cover glass with holder.....	4 1/2	786910
Plain cover glass only.....	3 3/4	786738
Holder ring only.....	3/4	786911
Medium to medium extension.....	3 1/2	343985

12-INCH INDUSTRIAL CONCENTRATORS



12-INCH INDUSTRIAL CONCENTRATOR

APPLICATION

The 12-inch industrial concentrator is designed to meet conditions not adequately taken care of by general illumination. Its application is supplemental lighting for fine assembly work, inspection or wherever auxiliary lighting is required.

CONSTRUCTION

The reflector is of chromium-plated brass, beaded to a socket housing making the concentrator dust-tight. The socket is adjustable from outside of the housing to any one of three positions for 100, 150 or 200-watt P.S. clear or inside-frosted lamps. An adjustable swivel, tapped for $\frac{1}{2}$ -inch conduit, is attached to the socket housing and provides universal adjustment of the concentrator. Each unit is furnished complete with ten feet of weatherproof wire.

Either clear or lightly stippled lenses can be furnished. If clear lens is specified the reflector will be stippled. The lenses have a smooth outside making cleaning easy. They are attached to the reflector by a holder which can be readily removed.

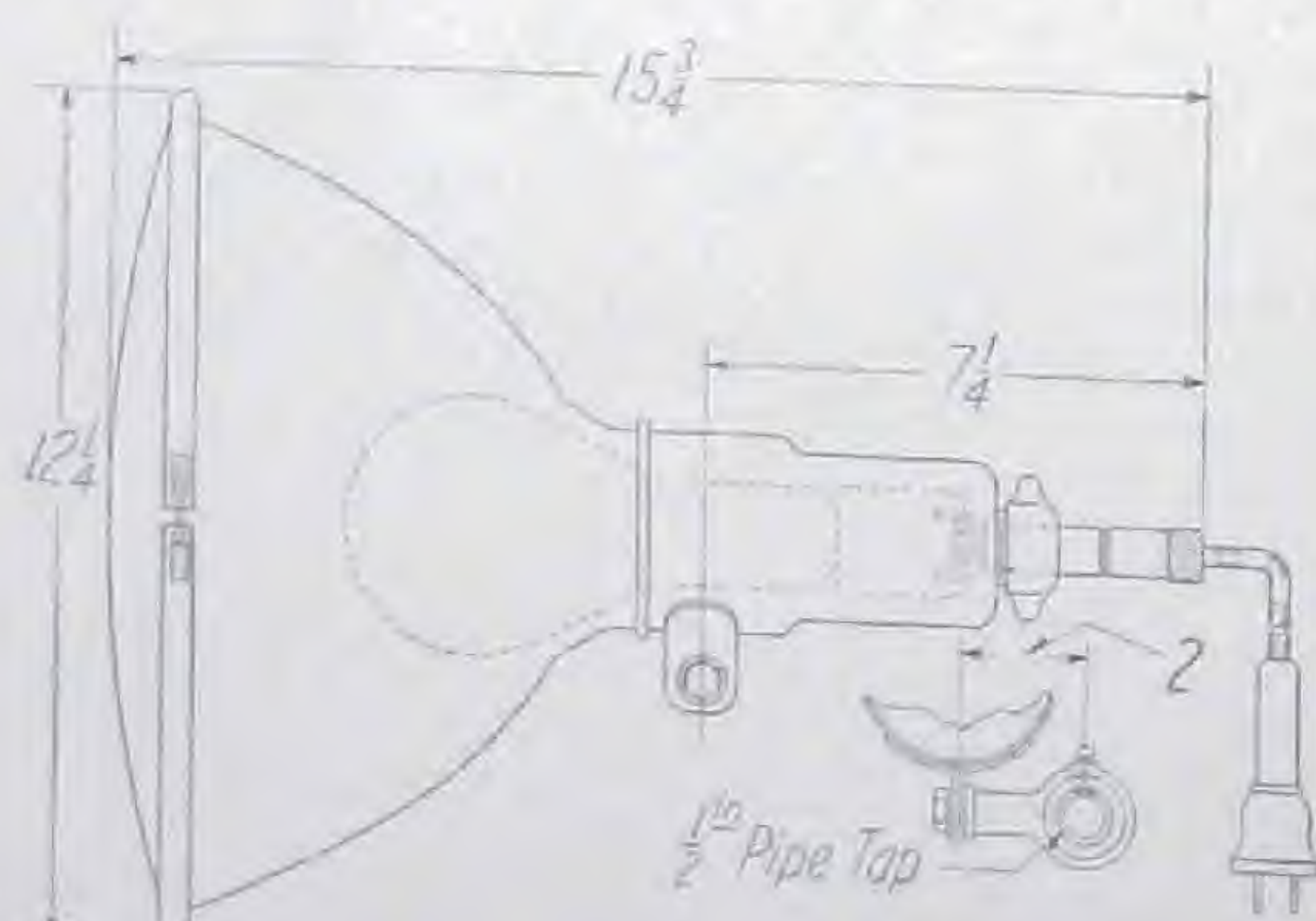
All outside surfaces of the concentrator are protected by two coats of green baked enamel.

12-INCH CONCENTRATOR For $\frac{1}{2}$ -Inch Conduit Mounting

Description	Std. Pkg. Quantity	Approx. Ship. Wt. Each	Lamp Size in Watts	Style No.
With plain stippled lens.....	2	8	100-200	343074
With plain clear lens.....	2	8	100-200	347650

ACCESSORIES

Plain stippled lens only.....	2	2	.....	346609
Plain clear lens only.....	2	2	.....	346610
Holder ring only.....	2	$\frac{3}{4}$	.....	787195



DIMENSIONS IN INCHES OF 12-INCH FLOODLIGHT

VAPOR-PROOF INDUSTRIAL CONCENTRATORS



14-INCH VAPOR-PROOF INDUSTRIAL CONCENTRATOR

APPLICATION

The 14-inch vapor-proof industrial concentrator is designed for lighting horizontal and vertical surfaces from an oblique angle. This concentrator will fill all applications including those where vapor-proof units are required, such as spraying and finishing departments and refinishing shops. It also is suitable for use on assembly and inspection operations involving sizable working areas and close work on large machines.

The reflector is of chromium-plated brass. Wires are enclosed in an adjustable fitting which is gasket sealed. The heat-resisting lens seats on a vapor-proof felt gasket and is held in place by a metal retaining band.

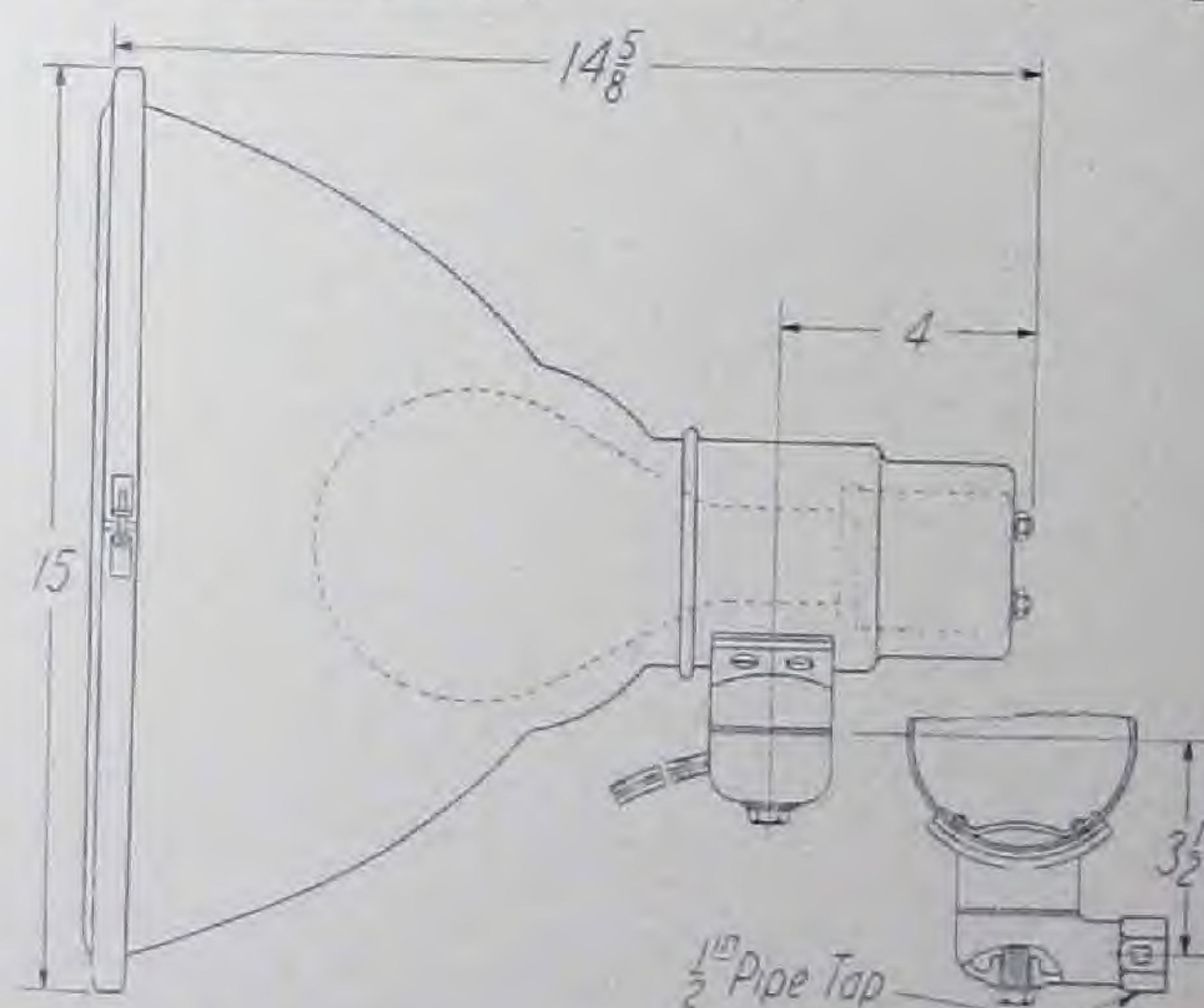
An adjustable swivel, tapped for $\frac{1}{2}$ -inch conduit, is attached to the socket housing and provides universal adjustment of the concentrator. Each unit is furnished complete with 10 feet of asbestos covered stranded fixture wire.

The 14-inch concentrator is designed for 300 or 500-watt PS clear or inside-frosted lamps.

The entire concentrator is protected by two coats of chemical resisting green baked enamel.

14-INCH CONCENTRATOR For $\frac{1}{2}$ -Inch Conduit Mounting

Description	STANDARD PACKAGE Quantity	Ship. Wt.	Style No.
With lightly stippled spread lens	1	18	343427
LENS ONLY			
Lightly stippled spread lens only	1	4	346524



DIMENSIONS IN INCHES OF 14-INCH FLOODLIGHT

Supersedes

Price List 61-210, Dated March 1, 1934

Price List 61-221, Dated October 16, 1933

All prices in Sectional Catalog 61-220, Dated August, 1933

PRICE LIST 61-220
Effective October 1, 1934

COMMERCIAL LIGHTING EQUIPMENT

FOR CATALOG 61-200

Part I—Complete Luminaires (Hangers with Glassware, but without Lamps)

(For Assembly Details and Accessories see Part II)

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
343006	\$ 8.35	Sollux Luminaire	61-260	5	349669	351501	.....	.....	.....	.....
007	10.75	Sollux Luminaire	61-260	5	349669	351502	.....	.....	.....	.....
008	12.70	Sollux Luminaire	61-260	5	349669	351503	.....	.....	.....	.....
009	12.45	Sollux Luminaire	61-260	5	349669	350491	.....	.....	.....	.....
010	16.20	Sollux Luminaire	61-260	5	349669	350492	.....	.....	.....	.....
011	19.30	Sollux Luminaire	61-260	5	349669	350493	.....	.....	.....	.....
012	7.25	Sollux Luminaire	61-260	3	349670	351501	.....	.....	.....	.....
013	9.65	Sollux Luminaire	61-260	3	349670	351502	.....	.....	.....	.....
014	11.60	Sollux Luminaire	61-260	3	349670	351503	.....	.....	.....	.....
015	11.35	Sollux Luminaire	61-260	3	349670	350491	.....	.....	.....	.....
016	15.10	Sollux Luminaire	61-260	3	349670	350492	.....	.....	.....	.....
017	18.20	Sollux Luminaire	61-260	3	349670	350493	.....	.....	.....	.....
027	9.60	Sollux Luminaire	61-260	13	343026	351501	.....	.....	.....	.....
028	12.00	Sollux Luminaire	61-260	13	343026	351502	.....	.....	.....	.....
029	13.95	Sollux Luminaire	61-260	13	343026	351503	.....	.....	.....	.....
030	13.70	Sollux Luminaire	61-260	13	343026	350491	.....	.....	.....	.....
031	17.45	Sollux Luminaire	61-260	13	343026	350492	.....	.....	.....	.....
032	20.55	Sollux Luminaire	61-260	13	343026	350493	.....	.....	.....	.....
034	9.45	Sollux Luminaire	61-260	13	343033	351501	.....	.....	.....	.....
035	11.85	Sollux Luminaire	61-260	13	343033	351502	.....	.....	.....	.....
036	13.80	Sollux Luminaire	61-260	13	343033	351503	.....	.....	.....	.....
037	13.55	Sollux Luminaire	61-260	13	343033	350491	.....	.....	.....	.....
038	17.30	Sollux Luminaire	61-260	13	343033	350492	.....	.....	.....	.....
039	20.40	Sollux Luminaire	61-260	13	343033	350493	.....	.....	.....	.....
096	3.08	Sollaire Kitchen Unit	61-270	21	349274	349034	.....	.....	.....	.....
097	5.00	Sollaire Kitchen Unit	61-270	21	349274	349036	.....	.....	.....	.....
158	2.40	Intermediate Sollaire	61-270	21	343211	343214	.....	.....	.....	.....
159	2.30	Intermediate Sollaire	61-270	21	343212	343214	.....	.....	.....	.....
210	3.80	Intermediate Sollaire	61-270	21	343213	343214	.....	.....	.....	.....
218	42.60	Sollux Luminaire	61-260	7	343215	350493	.....	.....	.....	.....
219	52.30	Sollux Luminaire	61-260	7	343216	350494	.....	.....	.....	.....
220	63.80	Sollux Luminaire	61-260	7	343217	350495	.....	.....	.....	.....
225	39.80	Sollux Luminaire	61-260	7	349759	350491	.....	.....	.....	.....
226	43.55	Sollux Luminaire	61-260	7	349759	350492	.....	.....	.....	.....
274	32.75	Sollux Luminaire	61-260	7	343272	350491	.....	.....	.....	.....
275	37.90	Sollux Luminaire	61-260	7	343273	350492	.....	.....	.....	.....
280	50.90	Sollux Luminaire	61-260	7	343278	350491	.....	.....	.....	.....
281	56.05	Sollux Luminaire	61-260	7	343279	350492	.....	.....	.....	.....
584	17.50	Sollux Luminaire	61-260	5	349887	351504	.....	.....	.....	.....
585	23.00	Sollux Luminaire	61-260	5	349887	351505	.....	.....	.....	.....
586	16.40	Sollux Luminaire	61-260	3	349886	351504	.....	.....	.....	.....
587	21.90	Sollux Luminaire	61-260	3	349886	351505	.....	.....	.....	.....
588	24.50	Sollux Luminaire	61-260	3	349886	350494	.....	.....	.....	.....
343589	32.90	Sollux Luminaire	61-260	3	349886	350495	.....	.....	.....	.....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

Prices are subject to change without notice

Westinghouse Electric & Manufacturing Company

Edgewater Park, Cleveland, Ohio

EVERY HOUSE NEEDS WESTINGHOUSE

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
343590	25.60	Sollux Luminaire	61-260	5	349887	350494	.....	.....	.....	.....
591	34.00	Sollux Luminaire	61-260	5	349887	350495	.....	.....	.....	.....
810	50.80	Sollux Luminaire	61-260	6	343851	350493	56 $\frac{5}{8}$	.....	6	.25
811	60.80	Sollux Luminaire	61-260	6	343852	350494	59 $\frac{1}{8}$	.....	6	.25
812	72.30	Sollux Luminaire	61-260	6	343853	350495	60 $\frac{3}{8}$	.....	6	.25
876	40.95	Sollux Luminaire	61-260	6	343872	350491	53 $\frac{7}{8}$	.....	6	.25
877	46.10	Sollux Luminaire	61-260	6	343873	350492	55 $\frac{3}{8}$	.....	6	.25
879	30.15	Sollux Luminaire	61-260	7	343878	351501	.....	.....	.....	.....
880	32.55	Sollux Luminaire	61-260	7	343878	351502	.....	.....	.....	.....
881	34.50	Sollux Luminaire	61-260	7	343878	351503	.....	.....	.....	.....
882	34.25	Sollux Luminaire	61-260	7	343878	350491	.....	.....	.....	.....
883	38.00	Sollux Luminaire	61-260	7	343878	350492	.....	.....	.....	.....
884	41.10	Sollux Luminaire	61-260	7	343878	350493	.....	.....	.....	.....
943	46.80	Sollaire Luminaire	61-270	6	343919	349054	56 $\frac{1}{8}$	.....	6	.23
944	54.40	Sollaire Luminaire	61-270	6	343920	349055	57 $\frac{1}{2}$	.....	6	.23
945	61.50	Sollaire Luminaire	61-270	6	343921	349056	58 $\frac{1}{8}$	.....	6	.23
946	82.80	Sollaire Luminaire	61-270	6	343922	349694	59 $\frac{5}{8}$	.....	6	.23
950	35.40	Sollaire Luminaire	61-270	7	343926	349054	.....	.....	.....	.....
951	43.10	Sollaire Luminaire	61-270	7	343927	349055	.....	.....	.....	.....
952	50.30	Sollaire Luminaire	61-270	7	343928	349056	.....	.....	.....	.....
953	71.40	Sollaire Luminaire	61-270	7	343929	349694	.....	.....	.....	.....
954	41.55	Sollaire Luminaire	61-270	7	343930	349051	.....	.....	.....	.....
955	36.75	Sollaire Luminaire	61-270	7	343931	349051	.....	.....	.....	.....
956	44.40	Sollaire Luminaire	61-270	7	343932	349052	.....	.....	.....	.....
957	38.60	Sollaire Luminaire	61-270	7	343931	349052	.....	.....	.....	.....
958	48.65	Sollaire Luminaire	61-270	7	343934	349053	.....	.....	.....	.....
959	40.75	Sollaire Luminaire	61-270	7	343931	349053	.....	.....	.....	.....
960	52.00	Sollaire Luminaire	61-270	7	343936	349054	.....	.....	.....	.....
961	43.50	Sollaire Luminaire	61-270	7	343937	349054	.....	.....	.....	.....
349276	3.83	Sollaire Kitchen Unit	61-270	21	349274	349035	.....	.....	.....	.....
760	60.75	Sollux Luminaire	61-260	7	349758	350493	.....	.....	.....	.....
761	46.65	Sollux Luminaire	61-260	7	349759	350493	.....	.....	.....	.....
784001	9.35	Sollux Luminaire	61-260	3	784042	351501	32 $\frac{1}{2}$	.....	7	.14
002	11.75	Sollux Luminaire	61-260	3	784042	351502	34	.....	7	.14
003	13.70	Sollux Luminaire	61-260	3	784042	351503	35 $\frac{1}{4}$	.....	7	.14
004	17.80	Sollux Luminaire	61-260	3	784043	351504	37 $\frac{5}{8}$	.....	7	.14
005	23.30	Sollux Luminaire	61-260	3	784043	351505	38 $\frac{1}{8}$	.....	7	.14
006	13.45	Sollux Luminaire	61-260	3	784042	350491	32 $\frac{1}{2}$	.....	7	.14
007	17.20	Sollux Luminaire	61-260	3	784042	350492	34	.....	7	.14
008	20.30	Sollux Luminaire	61-260	3	784042	350493	35 $\frac{1}{4}$	.....	7	.14
009	25.90	Sollux Luminaire	61-260	3	784043	350494	37 $\frac{5}{8}$	.....	7	.14
010	34.30	Sollux Luminaire	61-260	3	784043	350495	38 $\frac{7}{8}$	.....	7	.14
011	11.15	Sollux Luminaire	61-260	2	784044	351501	32 $\frac{1}{2}$	\$.11	.....	.....
012	13.55	Sollux Luminaire	61-260	2	784044	351502	34	.11	.....	.....
013	15.50	Sollux Luminaire	61-260	2	784044	351503	35 $\frac{1}{4}$	.11	.....	.....
014	19.60	Sollux Luminaire	61-260	2	784045	351504	37	.11	.....	.....
015	25.10	Sollux Luminaire	61-260	2	784045	351505	38 $\frac{1}{4}$	.11	.....	.....
016	15.25	Sollux Luminaire	61-260	2	784044	350491	32 $\frac{1}{2}$	.11	.....	.....
017	19.00	Sollux Luminaire	61-260	2	784044	350492	34	.11	.....	.....
018	22.10	Sollux Luminaire	61-260	2	784044	350493	35 $\frac{1}{4}$	.11	.....	.....
019	27.70	Sollux Luminaire	61-260	2	784045	350494	37	.11	.....	.....
020	36.10	Sollux Luminaire	61-260	2	784045	350495	38 $\frac{1}{4}$	.11	.....	.....
051	11.65	Sollux Luminaire	61-260	5	344692	351501	32 $\frac{1}{2}$	.....	8	.15
052	14.05	Sollux Luminaire	61-260	5	344692	351502	34	.....	8	.15
053	16.00	Sollux Luminaire	61-260	5	344692	351503	35 $\frac{1}{4}$	.....	8	.15
054	20.95	Sollux Luminaire	61-260	5	344693	351504	37 $\frac{3}{4}$	.....	8	.15
784055	26.45	Sollux Luminaire	61-260	5	344693	351505	39	.....	8	.15

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

PAGE 3

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
784056	\$15.75	Sollux Luminaire	61-260	5	344692	350491	32 1/2		8	\$.15
057	19.50	Sollux Luminaire	61-260	5	344692	350492	34		8	.15
058	22.60	Sollux Luminaire	61-260	5	344692	350493	35 1/4		8	.15
059	29.05	Sollux Luminaire	61-260	5	344693	350494	37 3/4		8	.15
060	37.45	Sollux Luminaire	61-260	5	344693	350495	39		8	.15
061	13.55	Sollux Luminaire	61-260	4	344694	351501	32 1/2	\$.12		
062	15.95	Sollux Luminaire	61-260	4	344694	351502	34	.12		
063	17.90	Sollux Luminaire	61-260	4	344694	351503	35 1/4	.12		
064	22.85	Sollux Luminaire	61-260	4	344695	351504	37	.12		
065	28.35	Sollux Luminaire	61-260	4	344695	351505	38 1/4	.12		
066	17.65	Sollux Luminaire	61-260	4	344694	350491	32 1/2	.12		
067	21.40	Sollux Luminaire	61-260	4	344694	350492	34	.12		
068	24.50	Sollux Luminaire	61-260	4	344694	350493	35 1/4	.12		
069	30.95	Sollux Luminaire	61-260	4	344695	350494	37	.12		
070	39.35	Sollux Luminaire	61-260	4	344695	350495	38 1/4	.12		
121	4.10	Sollaire Luminaire	61-270	3	341156	349034				
122	4.85	Sollaire Luminaire	61-270	3	341156	349035				
123	6.02	Sollaire Luminaire	61-270	3	341156	349036				
124	7.03	Sollaire Luminaire	61-270	3	341157	349037				
125	9.44	Sollaire Luminaire	61-270	3	341158	349038				
126	12.35	Sollaire Luminaire	61-270	3	341158	349039				
127	20.35	Sollaire Luminaire	61-270	3	341159	349692				
128	5.60	Sollaire Luminaire	61-270	3	341156	349040				
129	7.34	Sollaire Luminaire	61-270	3	341156	349041				
130	9.32	Sollaire Luminaire	61-270	3	341156	349042				
131	11.17	Sollaire Luminaire	61-270	3	341157	349043				
132	14.39	Sollaire Luminaire	61-270	3	341158	349044				
133	18.95	Sollaire Luminaire	61-270	3	341158	349045				
134	30.25	Sollaire Luminaire	61-270	3	341159	349693				
142	5.00	Sollaire Luminaire	61-270	3	784254	349034	29 5/8		7	.10
143	5.75	Sollaire Luminaire	61-270	3	784254	349035	31 1/8		7	.10
144	6.92	Sollaire Luminaire	61-270	3	784254	349036	32 1/2		7	.10
145	7.88	Sollaire Luminaire	61-270	3	784255	349037	34		7	.10
146	10.39	Sollaire Luminaire	61-270	3	784256	349038	36		7	.10
147	13.30	Sollaire Luminaire	61-270	3	784256	349039	36 5/8		7	.10
148	21.65	Sollaire Luminaire	61-270	3	784258	349692	39 1/4		7	.10
149	6.50	Sollaire Luminaire	61-270	3	784254	349040	29 5/8		7	.10
150	8.24	Sollaire Luminaire	61-270	3	784254	349041	31 1/8		7	.10
151	10.22	Sollaire Luminaire	61-270	3	784254	349042	32 1/2		7	.10
152	12.02	Sollaire Luminaire	61-270	3	784255	349043	34		7	.10
153	15.34	Sollaire Luminaire	61-270	3	784256	349044	36		7	.10
154	19.90	Sollaire Luminaire	61-270	3	784256	349045	36 5/8		7	.10
155	31.55	Sollaire Luminaire	61-270	3	784258	349693	39 1/4		7	.10
163	6.25	Sollaire Luminaire	61-270	2	784264	349034	29 5/8	.10		
164	7.00	Sollaire Luminaire	61-270	2	784264	349035	31 1/8	.10		
165	8.17	Sollaire Luminaire	61-270	2	784264	349036	32 1/2	.10		
166	9.13	Sollaire Luminaire	61-270	2	784265	349037	34	.10		
167	11.64	Sollaire Luminaire	61-270	2	784266	349038	35 3/8	.10		
168	14.55	Sollaire Luminaire	61-270	2	784266	349038	36	.10		
169	22.85	Sollaire Luminaire	61-270	2	784268	349692	37 1/2	.10		
170	7.75	Sollaire Luminaire	61-270	2	784264	349040	29 5/8	.10		
171	9.49	Sollaire Luminaire	61-270	2	784264	349041	31 1/8	.10		
172	11.47	Sollaire Luminaire	61-270	2	784264	349042	32 1/2	.10		
173	13.27	Sollaire Luminaire	61-270	2	784265	349043	34	.10		
174	16.59	Sollaire Luminaire	61-270	2	784266	349044	35 3/8	.10		
784175	21.15	Sollaire Luminaire	61-270	2	784266	349045	36	.10		

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

61-220 PRICE LIST

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
784176	\$32.75	Sollaire Luminaire	61-270	2	784268	349693	37½	\$.10	.....	.....
247	7.13	Sollaire Luminaire	61-270	3	341169	349530	.....	.....	.....	.....
248	11.27	Sollaire Luminaire	61-270	3	341169	349531	.....	.....	.....	.....
250	8.08	Sollaire Luminaire	61-270	3	784091	349530	34⅝	.....	7	\$.10
251	12.22	Sollaire Luminaire	61-270	3	784091	349531	34⅝	.....	7	.10
253	9.33	Sollaire Luminaire	61-270	2	784092	349530	34	.10	.....	.....
257	13.47	Sollaire Luminaire	61-270	2	784092	349531	34	.10	.....	.....
273	8.13	Sollaire Luminaire	61-270	5	784437	349530	.....	.....	.....	.....
277	12.27	Sollaire Luminaire	61-270	5	784437	349531	.....	.....	.....	.....
280	9.03	Sollaire Luminaire	61-270	5	784447	349530	34⅝	.....	7	.14
281	13.17	Sollaire Luminaire	61-270	5	784447	349531	34⅝	.....	7	.14
283	10.23	Sollaire Luminaire	61-270	4	784457	349530	34	.10	.....	.....
289	14.37	Sollaire Luminaire	61-270	4	784457	349531	34	.10	.....	.....
301	4.75	Sollaire Luminaire	61-270	5	784434	349034	.....	.....	.....	.....
302	5.50	Sollaire Luminaire	61-270	5	784434	349035	.....	.....	.....	.....
303	6.67	Sollaire Luminaire	61-270	5	784434	349036	.....	.....	.....	.....
304	7.78	Sollaire Luminaire	61-270	5	784435	349037	.....	.....	.....	.....
305	10.34	Sollaire Luminaire	61-270	5	784436	349038	.....	.....	.....	.....
306	13.25	Sollaire Luminaire	61-270	5	784436	349039	.....	.....	.....	.....
307	21.95	Sollaire Luminaire	61-270	5	784438	349692	.....	.....	.....	.....
308	6.25	Sollaire Luminaire	61-270	5	784434	349040	.....	.....	.....	.....
309	7.99	Sollaire Luminaire	61-270	5	784434	349041	.....	.....	.....	.....
310	9.97	Sollaire Luminaire	61-270	5	784434	349042	.....	.....	.....	.....
311	11.92	Sollaire Luminaire	61-270	5	784435	349043	.....	.....	.....	.....
312	15.29	Sollaire Luminaire	61-270	5	784436	349044	.....	.....	.....	.....
313	19.85	Sollaire Luminaire	61-270	5	784436	349045	.....	.....	.....	.....
314	31.85	Sollaire Luminaire	61-270	5	784438	349693	.....	.....	.....	.....
322	5.60	Sollaire Luminaire	61-270	5	784444	349034	29⅝	.....	7	.14
323	6.35	Sollaire Luminaire	61-270	5	784444	349035	31⅝	.....	7	.14
324	7.52	Sollaire Luminaire	61-270	5	784444	349036	32½	.....	7	.14
325	8.63	Sollaire Luminaire	61-270	5	784445	349037	34	.....	7	.14
326	11.14	Sollaire Luminaire	61-270	5	784446	349038	36	.....	7	.14
327	14.05	Sollaire Luminaire	61-270	5	784446	349039	36⅝	.....	7	.14
328	23.30	Sollaire Luminaire	61-270	5	784448	349692	39¼	.....	7	.14
329	7.10	Sollaire Luminaire	61-270	5	784444	349040	29⅝	.....	7	.14
330	8.84	Sollaire Luminaire	61-270	5	784444	349041	31⅝	.....	7	.14
331	10.82	Sollaire Luminaire	61-270	5	784444	349042	32½	.....	7	.14
332	12.77	Sollaire Luminaire	61-270	5	784445	349043	34	.....	7	.14
333	16.09	Sollaire Luminaire	61-270	5	784446	349044	36	.....	7	.14
334	20.65	Sollaire Luminaire	61-270	5	784446	349045	36⅝	.....	7	.14
335	33.20	Sollaire Luminaire	61-270	5	784448	349693	39¼	.....	7	.14
343	6.80	Sollaire Luminaire	61-270	4	784454	349034	29⅝	.10	.....	.....
344	7.55	Sollaire Luminaire	61-270	4	784454	349035	31⅝	.10	.....	.....
345	8.72	Sollaire Luminaire	61-270	4	784454	349036	32½	.10	.....	.....
346	9.83	Sollaire Luminaire	61-270	4	784455	349037	34	.10	.....	.....
347	12.54	Sollaire Luminaire	61-270	4	784456	349038	34⅝	.10	.....	.....
348	15.45	Sollaire Luminaire	61-270	4	784456	349039	36	.10	.....	.....
349	24.55	Sollaire Luminaire	61-270	4	784458	349692	37½	.10	.....	.....
350	8.30	Sollaire Luminaire	61-270	4	784454	349040	29⅝	.10	.....	.....
351	10.04	Sollaire Luminaire	61-270	4	784454	349041	31⅝	.10	.....	.....
352	12.02	Sollaire Luminaire	61-270	4	784454	349042	32½	.10	.....	.....
353	13.97	Sollaire Luminaire	61-270	4	784455	349043	34	.10	.....	.....
354	17.49	Sollaire Luminaire	61-270	4	784456	349044	34⅝	.10	.....	.....
355	22.05	Sollaire Luminaire	61-270	4	784456	349045	36	.10
784356	34.45	Sollaire Luminaire	61-270	4	784458	349693	37½	.10

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

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Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
784431	\$37.00	Sollaire Luminaire	61-270	7	343939	349532				
432	48.20	Sollaire Luminaire	61-270	6	343938	349532	56 1/8		6	\$.23
440	11.40	Lunaire Luminaire	61-270	11	784437	784864				
441	15.15	Lunaire Luminaire	61-270	11	784437	784872				
443	12.30	Lunaire Luminaire	61-270	11	784447	784864	34 1/4		7	.14
449	16.05	Lunaire Luminaire	61-270	11	784447	784872	34 1/4		7	.14
451	13.50	Lunaire Luminaire	61-270	10	784457	784864	34 1/8	\$.10		
452	17.25	Lunaire Luminaire	61-270	10	784457	784872	34 1/8	.10		
541	6.10	Lunaire Luminaire	61-270	11	784434	784860				
542	7.27	Lunaire Luminaire	61-270	11	784434	784861				
543	8.35	Lunaire Luminaire	61-270	11	784434	784862				
544	11.05	Lunaire Luminaire	61-270	11	784435	784863				
545	13.70	Lunaire Luminaire	61-270	11	784436	784865				
546	17.36	Lunaire Luminaire	61-270	11	784436	784866				
547	32.60	Lunaire Luminaire	61-270	11	784438	784867				
548	8.80	Lunaire Luminaire	61-270	11	784434	784868				
549	9.52	Lunaire Luminaire	61-270	11	784434	784869				
550	11.35	Lunaire Luminaire	61-270	11	784434	784870				
551	14.80	Lunaire Luminaire	61-270	11	784435	784871				
552	18.20	Lunaire Luminaire	61-270	11	784436	784873				
553	23.36	Lunaire Luminaire	61-270	11	784436	784874				
554	41.60	Lunaire Luminaire	61-270	11	784438	784875				
562	6.95	Lunaire Luminaire	61-270	11	784444	784860	29 5/8		7	.14
563	8.12	Lunaire Luminaire	61-270	11	784444	784861	30 3/4		7	.14
564	9.20	Lunaire Luminaire	61-270	11	784444	784862	32 1/8		7	.14
565	11.90	Lunaire Luminaire	61-270	11	784445	784863	33 5/8		7	.14
566	14.50	Lunaire Luminaire	61-270	11	784446	784865	35 5/8		7	.14
567	18.16	Lunaire Luminaire	61-270	11	784446	784866	36 1/4		7	.14
568	33.95	Lunaire Luminaire	61-270	11	784448	784867	38 7/8		7	.14
569	9.65	Lunaire Luminaire	61-270	11	784444	784868	29 5/8		7	.14
570	10.37	Lunaire Luminaire	61-270	11	784444	784869	30 3/4		7	.14
571	12.20	Lunaire Luminaire	61-270	11	784444	784870	32 1/8		7	.14
572	15.65	Lunaire Luminaire	61-270	11	784445	784871	33 5/8		7	.14
573	19.00	Lunaire Luminaire	61-270	11	784446	784873	35 5/8		7	.14
574	24.16	Lunaire Luminaire	61-270	11	784446	784874	36 1/4		7	.14
575	42.95	Lunaire Luminaire	61-270	11	784448	784875	38 7/8		7	.14
583	8.15	Lunaire Luminaire	61-270	10	784454	784860	29 5/8	.10		
584	9.32	Lunaire Luminaire	61-270	10	784454	784861	30 3/4	.10		
585	10.40	Lunaire Luminaire	61-270	10	784454	784862	32 1/8	.10		
586	13.10	Lunaire Luminaire	61-270	10	784455	784863	33 5/8	.10		
587	15.90	Lunaire Luminaire	61-270	10	784456	784865	35	.10		
588	19.56	Lunaire Luminaire	61-270	10	784456	784866	35 5/8	.10		
589	35.20	Lunaire Luminaire	61-270	10	784458	784867	37 1/8	.10		
590	10.85	Lunaire Luminaire	61-270	10	784454	784868	29 5/8	.10		
591	11.57	Lunaire Luminaire	61-270	10	784454	784869	30 3/4	.10		
592	13.40	Lunaire Luminaire	61-270	10	784454	784870	32 1/8	.10		
593	16.85	Lunaire Luminaire	61-270	10	784455	784871	33 5/8	.10		
594	20.40	Lunaire Luminaire	61-270	10	784456	784873	35	.10		
595	25.56	Lunaire Luminaire	61-270	10	784456	784874	35 5/8	.10		
784596	44.20	Lunaire Luminaire	61-270	10	784458	784875	37 1/8	.10		

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

61-220 PRICE LIST

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Louvers Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
784910	\$51.40	Louverlux Luminaire	61-260	15	784928	784903	784930	.....	.....	.....	.....
911	56.50	Louverlux Luminaire	61-260	15	784929	784904	784931	.....	.....	.....	.....
912	67.15	Louverlux Luminaire	61-260	15	784929	784905	784932	.....	.....	.....	.....
913	54.70	Louverlux Luminaire	61-260	15	785031	784903	784930	45	.....	↑	\$ .13
914	60.00	Louverlux Luminaire	61-260	15	785032	784904	784931	46 ³ / ₈	.....	↑	.13
915	70.65	Louverlux Luminaire	61-260	15	785032	784905	784932	47 ¹ / ₂	.....	↑	.13
916	56.90	Louverlux Luminaire	61-260	14	785033	784903	784930	45	\$.15	.....	.....
917	62.20	Louverlux Luminaire	61-260	14	785034	784904	784931	46 ³ / ₈	.15	.....	.....
784918	72.85	Louverlux Luminaire	61-260	14	785034	784905	784932	47 ¹ / ₂	.15	.....	.....

†Refer to catalog for dimensions of chain links.

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
784933	\$13.90	Lunalux Luminaire	61-260	11	349669	784901	.....	.....	.....	.....
934	14.80	Lunalux Luminaire	61-260	11	349669	784902	.....	.....	.....	.....
935	22.00	Lunalux Luminaire	61-260	11	349669	784903	.....	.....	.....	.....
936	25.05	Lunalux Luminaire	61-260	11	349887	784904	.....	.....	.....	.....
937	33.80	Lunalux Luminaire	61-260	11	349887	784905	.....	.....	.....	.....
938	16.60	Lunalux Luminaire	61-260	11	349669	784891	.....	.....	.....	.....
939	18.05	Lunalux Luminaire	61-260	11	349669	784892	.....	.....	.....	.....
940	23.45	Lunalux Luminaire	61-260	11	349669	784893	.....	.....	.....	.....
941	29.80	Lunalux Luminaire	61-260	11	349887	784894	.....	.....	.....	.....
942	41.20	Lunalux Luminaire	61-260	11	349887	784895	.....	.....	.....	.....
943	17.20	Lunalux Luminaire	61-260	11	344692	784901	32 ¹ / ₂	.....	8	\$.15
944	18.10	Lunalux Luminaire	61-260	11	344692	784902	34	.....	8	.15
945	25.30	Lunalux Luminaire	61-260	11	344692	784903	35 ¹ / ₄	.....	8	.15
946	28.50	Lunalux Luminaire	61-260	11	344693	784904	37	.....	8	.15
947	37.25	Lunalux Luminaire	61-260	11	344693	784905	38 ¹ / ₈	.....	8	.15
948	19.90	Lunalux Luminaire	61-260	11	344692	784891	32 ¹ / ₂	.....	8	.15
949	21.35	Lunalux Luminaire	61-260	11	344692	784892	34	.....	8	.15
950	26.75	Lunalux Luminaire	61-260	11	344692	784893	35 ¹ / ₄	.....	8	.15
951	33.25	Lunalux Luminaire	61-260	11	344693	784894	37	.....	8	.15
952	44.65	Lunalux Luminaire	61-260	11	344693	784895	38 ¹ / ₈	.....	8	.15
953	19.10	Lunalux Luminaire	61-260	10	344694	784901	32 ¹ / ₂	\$.12	.....	.....
954	20.00	Lunalux Luminaire	61-260	10	344694	784902	34	.12	.....	.....
955	27.20	Lunalux Luminaire	61-260	10	344694	784903	35 ¹ / ₄	.12	.....	.....
956	30.40	Lunalux Luminaire	61-260	10	344695	789904	37	.12	.....	.....
957	39.15	Lunalux Luminaire	61-260	10	344695	784905	38 ¹ / ₈	.12	.....	.....
958	21.80	Lunalux Luminaire	61-260	10	344694	784891	32 ¹ / ₂	.12	.....	.....
959	23.25	Lunalux Luminaire	61-260	10	344694	784892	34	.12	.....	.....
960	28.65	Lunalux Luminaire	61-260	10	344694	784893	35 ¹ / ₄	.12	.....	.....
961	35.15	Lunalux Luminaire	61-260	10	344695	784894	37	.12	.....	.....
962	46.55	Lunalux Luminaire	61-260	10	344695	784895	38 ¹ / ₈	.12	.....	.....
785141	14.75	Magnalux Luminaire	61-250	5	785180	787542	.....	.....	.....	.....
146	14.75	Magnalux Luminaire	61-250	5	785180	787603	.....	.....	.....	.....
156	22.15	Magnalux Luminaire	61-250	5	785180	786829	.....	.....	.....	.....
184	24.50	Magnalux Luminaire	61-250	4	785182	786829	26	.15	.....	.....
185	27.50	Magnalux Luminaire	61-250	4	785182	785448	29	.15	.....	.....
190	23.60	Magnalux Luminaire	61-250	4	785182	787544	27 ³ / ₄	.15	.....	.....
192	32.10	Magnalux Luminaire	61-250	4	785182	786832	27 ³ / ₄	.15	.....	.....
200	35.10	Magnalux Luminaire	61-250	4	786816	786833	30 ³ / ₄	.15	.....	.....
201	35.10	Magnalux Luminaire	61-250	4	785182	786833	30 ³ / ₄	.15	.....	.....
300	15.20	Lunalux Jr., Luminaire	61-260	12	785340	794901	32 ¹ / ₂	.20	.....	.....
301	16.10	Lunalux Jr., Luminaire	61-260	12	785340	784902	34	.20	.....	.....
302	23.30	Lunalux Jr., Luminaire	61-260	12	785340	784903	35 ¹ / ₄	.20
785303	25.85	Lunalux Jr., Luminaire	61-260	12	785341	784904	37	.20

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
785304	\$34.60	Lunalux Jr., Luminaire	61-260	12	785341	784905	38 $\frac{1}{4}$	\$.20	.....	.....
305	17.90	Lunalux Jr., Luminaire	61-260	12	785340	784891	32 $\frac{1}{2}$	.20	.....	.....
306	19.35	Lunalux Jr., Luminaire	61-260	12	785340	784892	34	.20	.....	.....
307	24.75	Lunalux Jr., Luminaire	61-260	12	785340	784893	35 $\frac{1}{4}$	.20	.....	.....
308	30.60	Lunalux Jr., Luminaire	61-260	12	785341	784894	37	.20	.....	.....
309	42.00	Lunalux Jr., Luminaire	61-260	12	785341	784895	38 $\frac{1}{4}$	.20	.....	.....
310	9.65	Lunalux Jr. Luminaire	61-260	12	785340	785501	32 $\frac{1}{2}$	.20	.....	.....
311	12.05	Lunalux Jr. Luminaire	61-260	12	785340	785502	34	.20	.....	.....
312	14.00	Lunalux Jr. Luminaire	61-260	12	785340	785503	35 $\frac{1}{4}$	.20	.....	.....
313	18.30	Lunalux Jr. Luminaire	61-260	12	785341	785504	37	.20	.....	.....
314	23.80	Lunalux Jr. Luminaire	61-260	12	785341	785505	38 $\frac{1}{4}$	.20	.....	.....
315	13.75	Lunalux Jr. Luminaire	61-260	12	785340	785491	32 $\frac{1}{2}$	.20	.....	.....
316	17.50	Lunalux Jr. Luminaire	61-260	12	785340	785492	34	.20	.....	.....
317	20.60	Lunalux Jr. Luminaire	61-260	12	785340	785493	35 $\frac{1}{4}$	.20	.....	.....
318	26.40	Lunalux Jr. Luminaire	61-260	12	785341	785494	37	.20	.....	.....
319	34.80	Lunalux Jr. Luminaire	61-260	12	785341	785495	38 $\frac{1}{4}$	.20	.....	.....
400	13.95	Lunalux Jr. Luminaire	61-260	12	785440	784901	32 $\frac{1}{2}$	.15	.....	.....
401	14.85	Lunalux Jr. Luminaire	61-260	12	785440	784902	34	.15	.....	.....
402	22.05	Lunalux Jr. Luminaire	61-260	12	785440	784903	35 $\frac{1}{4}$	.15	.....	.....
403	24.55	Lunalux Jr. Luminaire	61-260	12	785441	784904	37	.15	.....	.....
404	33.30	Lunalux Jr. Luminaire	61-260	12	785441	784905	38 $\frac{1}{4}$	.15	.....	.....
405	16.65	Lunalux Jr. Luminaire	61-260	12	785440	784891	32 $\frac{1}{2}$	.15	.....	.....
406	18.10	Lunalux Jr. Luminaire	61-260	12	785440	784892	34	.15	.....	.....
407	23.50	Lunalux Jr. Luminaire	61-260	12	785440	784893	35 $\frac{1}{4}$	.15	.....	.....
408	29.30	Lunalux Jr. Luminaire	61-260	12	785441	784894	37	.15	.....	.....
409	40.70	Lunalux Jr. Luminaire	61-260	12	785441	784895	38 $\frac{1}{4}$	.15	.....	.....
410	8.40	Lunalux Jr. Luminaire	61-260	12	785440	785501	32 $\frac{1}{2}$	.15	.....	.....
411	10.80	Lunalux Jr. Luminaire	61-260	12	785440	785502	34	.15	.....	.....
412	12.75	Lunalux Jr. Luminaire	61-260	12	785440	785503	35 $\frac{1}{4}$	.15	.....	.....
413	17.00	Lunalux Jr. Luminaire	61-260	12	785441	785504	37	.15	.....	.....
414	22.50	Lunalux Jr. Luminaire	61-260	12	785441	785505	38 $\frac{1}{4}$	.15	.....	.....
415	12.50	Lunalux Jr. Luminaire	61-260	12	785440	785491	32 $\frac{1}{2}$	.15	.....	.....
416	16.25	Lunalux Jr. Luminaire	61-260	12	785440	785492	34	.15	.....	.....
417	19.35	Lunalux Jr. Luminaire	61-260	12	785440	785493	35 $\frac{1}{4}$	.15	.....	.....
418	25.10	Lunalux Jr. Luminaire	61-260	12	785441	785494	37	.15	.....	.....
419	33.50	Lunalux Jr. Luminaire	61-260	12	785441	785495	38 $\frac{1}{4}$	.15	.....	.....
531	26.90	Magnalux Luminaire	61-255	4	787885	785551	.....	.....	.....	.....
535	19.50	Magnalux Luminaire	61-255	4	787885	787603	.....	.....	.....	.....
539	19.50	Magnalux Luminaire	61-255	4	787885	787542	.....	.....	.....	.....
543	21.60	Magnalux Luminaire	61-255	4	785563	785551	.....	.....	.....	.....
555	14.20	Magnalux Luminaire	61-255	4	785563	787603	.....	.....	.....	.....
557	14.20	Magnalux Luminaire	61-255	4	785563	787542	.....	.....	.....	.....
579	26.90	Magnalux Luminaire	61-255	4	787885	786829	.....	.....	.....	.....
801	79.50	Magnalux Luminaire	61-250	4	785810	785813	.....	.....	.....	.....
786798	5.90	Magnalux Luminaire	61-255	8	786814	786819	.....	.....	.....	.....
798	5.90	Magnalux Luminaire	61-280	1	786814	786819	.....	.....	.....	.....
799	7.50	Magnalux Luminaire	61-255	8	786814	786820	.....	.....	.....	.....
799	7.50	Magnalux Luminaire	61-280	1	786814	786820	.....	.....	.....	.....
800	9.20	Magnalux Luminaire	61-255	8	786815	786821	.....	.....	.....	.....
800	9.20	Magnalux Luminaire	61-280	1	786815	786821	.....	.....	.....	.....
801	7.75	Magnalux Luminaire	61-280	1	786814	786822	.....	.....	.....	.....
802	9.50	Magnalux Luminaire	61-280	1	786814	786823	.....	.....	.....	.....
803	11.35	Magnalux Luminaire	61-280	1	786815	786824	.....	.....	.....	.....
811	32.10	Magnalux Luminaire	61-250	4	786816	786832	27 $\frac{3}{4}$	.15	.....	.....
787591	17.10	Magnalux Luminaire	61-250	4	785182	787603	26	.15
787595	17.10	Magnalux Luminaire	61-250	4	785182	787542	26	.15

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
787598	\$23.60	Magnalux Luminaire	61-250	4	786816	787544	27 $\frac{3}{4}$	\$.15	.....	.....
788600	17.10	Magnalux Luminaire	61-250	4	786816	787603	26	.15	.....	.....
601	24.00	Magnalux Luminaire	61-250	4	788230	788245	33 $\frac{1}{2}$	.15	.....	.....
602	33.75	Magnalux Luminaire	61-250	4	788230	787540	33 $\frac{1}{2}$	.15	.....	.....
603	58.00	Magnalux Luminaire	61-250	4	785810	788246	54	.15	.....	.....
604	17.10	Magnalux Luminaire	61-250	4	786816	787542	26	.15	.....	.....
605	24.00	Magnalux Luminaire	61-250	4	788230	788517	33 $\frac{1}{2}$	.15	.....	.....
606	33.75	Magnalux Luminaire	61-250	4	788230	787539	33 $\frac{1}{2}$	.15	.....	.....
607	24.50	Magnalux Luminaire	61-250	4	786816	786829	26	.15	.....	.....
608	33.00	Magnalux Luminaire	61-250	4	788230	788518	33 $\frac{1}{2}$	.15	.....	.....
609	47.50	Magnalux Luminaire	61-250	4	788230	786830	33 $\frac{1}{2}$	.15	.....	.....
610	27.50	Magnalux Luminaire	61-250	4	786816	785448	29	.15	.....	.....
611	36.00	Magnalux Luminaire	61-250	4	788230	788599	36 $\frac{1}{2}$	.15	.....	.....
612	50.50	Magnalux Luminaire	61-250	4	788230	785449	36 $\frac{1}{2}$	.15	.....	.....
613	24.50	Magnalux Luminaire	61-250	4	788230	787544	33 $\frac{3}{4}$	.15	.....	.....
614	33.00	Magnalux Luminaire	61-250	4	788230	786832	33 $\frac{3}{4}$	.15	.....	.....
615	36.00	Magnalux Luminaire	61-250	4	788230	786833	36 $\frac{3}{4}$	.15	.....	.....
616	14.75	Magnalux Luminaire	61-250	5	787697	787603	.....	.....	.....	.....
617	21.25	Magnalux Luminaire	61-250	5	788283	788245	.....	.....	.....	.....
618	31.00	Magnalux Luminaire	61-250	5	788283	787540	.....	.....	.....	.....
619	14.75	Magnalux Luminaire	61-250	5	787697	787542	.....	.....	.....	.....
620	21.25	Magnalux Luminaire	61-250	5	788283	788517	.....	.....	.....	.....
621	31.00	Magnalux Luminaire	61-250	5	788283	787539	.....	.....	.....	.....
622	22.15	Magnalux Luminaire	61-250	5	787697	786829	.....	.....	.....	.....
623	30.25	Magnalux Luminaire	61-250	5	788283	788518	.....	.....	.....	.....
624	44.75	Magnalux Luminaire	61-250	5	788283	786830	.....	.....	.....	.....
625	25.15	Magnalux Luminaire	61-250	5	787697	785448	.....	.....	.....	.....
626	25.15	Magnalux Luminaire	61-250	5	785180	785448	.....	.....	.....	.....
627	33.25	Magnalux Luminaire	61-250	5	788283	788599	.....	.....	.....	.....
628	47.75	Magnalux Luminaire	61-250	5	788283	785449	.....	.....	.....	.....
629	21.25	Magnalux Luminaire	61-250	5	787697	787544	.....	.....	.....	.....
630	21.25	Magnalux Luminaire	61-250	5	785180	787544	.....	.....	.....	.....
631	21.75	Magnalux Luminaire	61-250	5	788283	787544	.....	.....	.....	.....
632	29.75	Magnalux Luminaire	61-250	5	787697	786832	.....	.....	.....	.....
633	29.75	Magnalux Luminaire	61-250	5	785180	786832	.....	.....	.....	.....
634	30.25	Magnalux Luminaire	61-250	5	788283	786832	.....	.....	.....	.....
635	32.75	Magnalux Luminaire	61-250	5	787697	786833	.....	.....	.....	.....
636	32.75	Magnalux Luminaire	61-250	5	785180	786833	.....	.....	.....	.....
637	33.25	Magnalux Luminaire	61-250	5	788283	786833	.....	.....	.....	.....
638	7.60	Lunaire Luminaire	61-270	8	784264	784860	29 $\frac{5}{8}$	.10	.....	.....
639	8.77	Lunaire Luminaire	61-270	8	784264	784861	30 $\frac{3}{4}$	.10	.....	.....
640	9.85	Lunaire Luminaire	61-270	8	784264	784862	32 $\frac{1}{8}$	.10	.....	.....
641	12.40	Lunaire Luminaire	61-270	8	784265	784863	33 $\frac{5}{8}$	.10	.....	.....
642	12.60	Lunaire Luminaire	61-270	8	784092	784864	34 $\frac{1}{8}$	.10	.....	.....
643	15.00	Lunaire Luminaire	61-270	8	784266	784865	35	.10	.....	.....
644	18.66	Lunaire Luminaire	61-270	8	784266	784866	35 $\frac{5}{8}$	.10	.....	.....
645	33.50	Lunaire Luminaire	61-270	8	784268	784867	37 $\frac{1}{8}$	.10	.....	.....
646	10.30	Lunaire Luminaire	61-270	8	784264	784868	29 $\frac{5}{8}$	.10	.....	.....
647	11.02	Lunaire Luminaire	61-270	8	784264	784869	30 $\frac{3}{4}$	.10	.....	.....
648	12.85	Lunaire Luminaire	61-270	8	784264	784870	32 $\frac{1}{8}$	.10	.....	.....
649	16.15	Lunaire Luminaire	61-270	8	784265	784871	33 $\frac{5}{8}$	.10	.....	.....
650	16.35	Lunaire Luminaire	61-270	8	784092	784872	34 $\frac{1}{8}$	.10	.....	.....
651	19.50	Lunaire Luminaire	61-270	8	784266	784873	35	.10	.....	.....
652	24.66	Lunaire Luminaire	61-270	8	784266	784874	35 $\frac{5}{8}$	.10	.....	.....
653	42.50	Lunaire Luminaire	61-270	8	784268	784875	37 $\frac{1}{8}$	.10	.....	.....
788662	5.45	Lunaire Luminaire	61-270	9	341156	784860	.....	.....	.....	.....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

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Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788663	\$ 6.62	Lunaire Luminaire	61-270	9	341156	784861				
664	7.70	Lunaire Luminaire	61-270	9	341156	784862				
665	10.30	Lunaire Luminaire	61-270	9	341157	784863				
666	10.40	Lunaire Luminaire	61-270	9	341169	784864				
667	12.80	Lunaire Luminaire	61-270	9	341158	784865				
668	16.46	Lunaire Luminaire	61-270	9	341158	784866				
669	31.00	Lunaire Luminaire	61-270	9	341159	784867				
670	8.15	Lunaire Luminaires	61-270	9	341156	784868				
671	8.87	Lunaire Luminaire	61-270	9	341156	784869				
672	10.70	Lunaire Luminaire	61-270	9	341156	784870				
673	14.05	Lunaire Luminaire	61-270	9	341157	784871				
674	14.15	Lunaire Luminaire	61-270	9	341169	784872				
675	17.30	Lunaire Luminaire	61-270	9	341158	784873				
676	19.50	Magnalux Luminaire	61-255	4	787883	787603				
677	26.50	Magnalux Luminaire	61-255	4	788845	788245				
678	36.25	Magnalux Luminaire	61-255	4	788845	787540				
679	19.50	Magnalux Luminaire	61-255	4	787883	787542				
680	26.50	Magnalux Luminaire	61-255	4	788845	788517				
681	36.25	Magnalux Luminaire	61-255	4	788845	787539				
682	26.90	Magnalux Luminaire	61-255	4	787883	786829				
684	35.50	Magnalux Luminaire	61-255	4	788845	788518				
685	50.00	Magnalux Luminaire	61-255	4	788845	786830				
686	29.90	Magnalux Luminaire	61-255	4	787883	785448				
687	29.90	Magnalux Luminaire	61-255	4	787885	785448				
688	38.50	Magnalux Luminaire	61-255	4	788845	788599				
689	53.00	Magnalux Luminaire	61-255	4	788845	785449				
690	26.90	Magnalux Luminaire	61-255	4	787883	785551				
691	35.50	Magnalux Luminaire	61-255	4	788845	788247				
692	50.00	Magnalux Luminaire	61-255	4	788845	785785				
693	26.90	Magnalux Luminaire	61-255	4	787883	785770				
694	26.90	Magnalux Luminaire	61-255	4	787885	785770				
695	35.50	Magnalux Luminaire	61-255	4	788845	785771				
696	50.00	Magnalux Luminaire	61-255	4	788845	785772				
697	26.90	Magnalux Luminaire	61-255	4	787883	785773				
698	26.90	Magnalux Luminaire	61-255	4	787885	785773				
699	35.50	Magnalux Luminaire	61-255	4	788845	785774				
700	50.00	Magnalux Luminaire	61-255	4	788845	785775				
701	26.90	Magnalux Luminaire	61-255	5	787883	785779				
702	26.90	Magnalux Luminaire	61-255	5	787885	785779				
703	35.50	Magnalux Luminaire	61-255	5	788845	785780				
704	50.00	Magnalux Luminaire	61-255	5	788845	785781				
705	22.46	Lunaire Luminaire	61-270	9	341158	784874				
706	40.00	Lunaire Luminaire	61-270	9	341159	784875				
715	6.35	Lunaire Luminaire	61-270	9	784254	784860	29 $\frac{5}{8}$		7	\$.10
716	7.52	Lunaire Luminaire	61-270	9	784254	784861	30 $\frac{3}{4}$		7	.10
717	8.60	Lunaire Luminaire	61-270	9	784254	784862	32 $\frac{1}{8}$		7	.10
718	11.15	Lunaire Luminaire	61-270	9	784255	784863	33 $\frac{5}{8}$		7	.10
719	11.35	Lunaire Luminaire	61-270	9	784091	784864	34 $\frac{1}{4}$		7	.10
720	13.75	Lunaire Luminaire	61-270	9	784256	784865	35 $\frac{5}{8}$		7	.10
721	17.41	Lunaire Luminaire	61-270	9	784256	784866	36 $\frac{1}{4}$		7	.10
722	32.30	Lunaire Luminaire	61-270	9	784258	784867	38 $\frac{7}{8}$		7	.10
723	9.05	Lunaire Luminaire	61-270	9	784254	784868	29 $\frac{5}{8}$		7	.10
724	9.77	Lunaire Luminaire	61-270	9	784254	784869	30 $\frac{3}{4}$		7	.10
725	11.60	Lunaire Luminaire	61-270	9	784254	784870	32 $\frac{1}{8}$		7	.10
726	14.90	Lunaire Luminaire	61-270	9	784255	784871	33 $\frac{5}{8}$		7	.10
788727	15.10	Lunaire Luminaire	61-270	9	784091	784872	34 $\frac{1}{4}$		7	.10

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

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Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788728	\$18.25	Lunaire Luminaire	61-270	9	784256	784873	35 $\frac{5}{8}$	.....	7	\$.10
729	23.41	Lunaire Luminaire	61-270	9	784256	784874	36 $\frac{1}{4}$	.....	7	.10
730	41.30	Lunaire Luminaire	61-270	9	784258	784875	38 $\frac{7}{8}$	.....	7	.10
734	26.90	Magnalux Luminaire	61-255	5	787883	785782	..	.....	.....	.....
735	26.90	Magnalux Luminaire	61-255	5	787885	785782	..	.....	.....	.....
736	35.50	Magnalux Luminaire	61-255	5	788845	785783	..	.....	.....	.....
737	50.00	Magnalux Luminaire	61-255	5	788845	785784	..	.....	.....	.....
738	26.90	Magnalux Luminaire	61-255	5	787883	785776	..	.....	.....	.....
739	26.90	Magnalux Luminaire	61-255	5	787885	785776	..	.....	.....	.....
740	35.50	Magnalux Luminaire	61-255	5	788845	785777	..	.....	.....	.....
741	50.00	Magnalux Luminaire	61-255	5	788845	785778	..	.....	.....	.....
742	26.90	Magnalux Luminaire	61-255	5	787883	788847	..	.....	.....	.....
743	26.90	Magnalux Luminaire	61-255	5	787885	788847	..	.....	.....	.....
744	26.90	Magnalux Luminaire	61-255	5	787883	788848	..	.....	.....	.....
745	26.90	Magnalux Luminaire	61-255	5	787885	788848	..	.....	.....	.....
746	26.90	Magnalux Luminaire	61-255	5	787883	788849	..	.....	.....	.....
747	26.90	Magnalux Luminaire	61-255	5	787885	788849	..	.....	.....	.....
750	14.20	Magnalux Luminaire	61-255	4	785562	787603	..	.....	.....	.....
751	14.20	Magnalux Luminaire	61-255	4	785562	787542	..	.....	.....	.....
752	21.60	Magnalux Luminaire	61-255	4	785562	786829	..	.....	.....	.....
753	21.60	Magnalux Luminaire	61-255	4	785563	786829	..	.....	.....	.....
754	24.60	Magnalux Luminaire	61-255	4	785562	785448	..	.....	.....	.....
755	24.60	Magnalux Luminaire	61-255	4	785563	785448	..	.....	.....	.....
756	21.60	Magnalux Luminaire	61-255	4	785562	785551	..	.....	.....	.....
757	21.60	Magnalux Luminaire	61-255	4	785562	785770	..	.....	.....	.....
758	21.60	Magnalux Luminaire	61-255	4	785563	785770	..	.....	.....	.....
764	5.20	Lunaire Jr. Luminaire	61-270	13	789372	349034	29 $\frac{5}{8}$	\$.15	.....	.....
765	5.95	Lunaire Jr. Luminaire	61-270	13	789372	349035	31 $\frac{1}{8}$	.15	.....	.....
766	7.12	Lunaire Jr. Luminaire	61-270	13	789372	349036	32 $\frac{1}{2}$	.15	.....	.....
767	8.03	Lunaire Jr. Luminaire	61-270	13	789373	349037	34	.15	.....	.....
768	8.23	Lunaire Jr. Luminaire	61-270	13	789374	349530	34	.15	.....	.....
769	10.39	Lunaire Jr. Luminaire	61-270	13	789375	349038	35 $\frac{3}{8}$	.15	.....	.....
770	13.30	Lunaire Jr. Luminaire	61-270	13	789375	349039	36	.15	.....	.....
771	21.25	Lunaire Jr. Luminaire	61-270	13	789376	349692	37 $\frac{1}{2}$	.15	.....	.....
772	6.70	Lunaire Jr. Luminaire	61-270	13	789372	349040	29 $\frac{5}{8}$	.15	.....	.....
773	8.44	Lunaire Jr. Luminaire	61-270	13	789372	349041	31 $\frac{1}{8}$	.15	.....	.....
774	10.42	Lunaire Jr. Luminaire	61-270	13	789372	349042	32 $\frac{1}{2}$	.15	.....	.....
775	12.17	Lunaire Jr. Luminaire	61-270	13	789373	349043	34	.15	.....	.....
776	12.37	Lunaire Jr. Luminaire	61-270	13	789374	349531	34	.15	.....	.....
777	15.34	Lunaire Jr. Luminaire	61-270	13	789375	349044	35 $\frac{3}{8}$	.15	.....	.....
778	19.90	Lunaire Jr. Luminaire	61-270	13	789375	349045	36	.15	.....	.....
779	31.15	Lunaire Jr. Luminaire	61-270	13	789376	349693	37 $\frac{1}{2}$	.15	.....	.....
780	6.55	Lunaire Jr. Luminaire	61-270	13	789372	784860	29 $\frac{5}{8}$	.15	.....	.....
781	7.72	Lunaire Jr. Luminaire	61-270	13	789372	784861	30 $\frac{3}{4}$	.15	.....	.....
782	8.80	Lunaire Jr. Luminaire	61-270	13	789372	784862	32 $\frac{1}{8}$	.15	.....	.....
783	11.30	Lunaire Jr. Luminaire	61-270	13	789373	784863	33 $\frac{5}{8}$	.15	.....	.....
784	10.45	Magnalaire Luminaire	61-280	1	789377	786819	28 $\frac{1}{8}$	.20	.....	.....
785	12.05	Magnalaire Luminaire	61-280	1	789377	786820	29 $\frac{3}{4}$	.20	.....	.....
786	13.70	Magnalaire Luminaire	61-280	1	789378	786821	31 $\frac{5}{8}$	.20	.....	.....
787	16.65	Magnalaire Luminaire	61-280	1	789379	787855	32 $\frac{1}{8}$	.20	.....	.....
788	12.30	Magnalaire Luminaire	61-280	1	789377	786822	28 $\frac{1}{8}$	.20	.....	.....
789	14.05	Magnalaire Luminaire	61-280	1	789377	786823	29 $\frac{3}{4}$	.20	.....	.....
790	15.85	Magnalaire Luminaire	61-280	1	789378	786824	31 $\frac{5}{8}$	.20	.....	.....
791	23.80	Magnalaire Luminaire	61-280	1	789379	787856	32 $\frac{1}{8}$	.20	.....	.....
794	17.10	Magnalite Luminaire	61-280	2	786816	787986	27	.15
788795	17.10	Magnalite Luminaire	61-280	2	785182	787986	27	.15

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Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788796	\$18.00	Magnalite Luminaire	61-280	2	788230	787986	32 1/2	\$.15	.....	.....
797	11.50	Lunaire Jr. Luminaire	61-270	13	789374	784864	34 1/8	.15	.....	.....
798	13.75	Lunaire Jr. Luminaire	61-270	13	789375	784865	35	.15	.....	.....
799	17.41	Lunaire Jr. Luminaire	61-270	13	789375	784866	35 5/8	.15	.....	.....
800	31.90	Lunaire Jr. Luminaire	61-270	13	789376	784867	37 1/8	.15	.....	.....
801	9.25	Lunaire Jr. Luminaire	61-270	13	789372	784868	29 5/8	.15	.....	.....
802	9.97	Lunaire Jr. Luminaire	61-270	13	789372	784869	30 3/4	.15	.....	.....
803	11.80	Lunaire Jr. Luminaire	61-270	13	789372	784870	32 1/8	.15	.....	.....
804	15.05	Lunaire Jr. Luminaire	61-270	13	789373	784871	33 5/8	.15	.....	.....
805	15.25	Lunaire Jr. Luminaire	61-270	13	789374	784872	34 1/8	.15	.....	.....
806	18.25	Lunaire Jr. Luminaire	61-270	13	789375	784873	35	.15	.....	.....
807	23.41	Lunaire Jr. Luminaire	61-270	13	789375	784874	35 5/8	.15	.....	.....
808	40.90	Lunaire Jr. Luminaire	61-270	13	789376	784875	37 1/8	.15	.....	.....
809	6.25	Lunaire Jr. Luminaire	61-270	13	789367	349034	29 5/8	.20	.....	.....
810	7.00	Lunaire Jr. Luminaire	61-270	13	789367	349035	31 1/8	.20	.....	.....
811	8.17	Lunaire Jr. Luminaire	61-270	13	789367	349036	32 1/2	.20	.....	.....
812	9.13	Lunaire Jr. Luminaire	61-270	13	789368	349037	34	.20	.....	.....
813	21.60	Magnalux Luminaire	61-255	4	785562	785773	..	.....	.....	.....
814	21.60	Magnalux Luminaire	61-255	4	785563	785773	..	.....	.....	.....
815	21.60	Magnalux Luminaire	61-255	5	785562	785779	..	.....	.....	.....
816	21.60	Magnalux Luminaire	61-255	5	785563	785779	..	.....	.....	.....
817	21.60	Magnalux Luminaire	61-255	5	785562	785782	..	.....	.....	.....
818	21.60	Magnalux Luminaire	61-255	5	785563	785782	..	.....	.....	.....
819	21.60	Magnalux Luminaire	61-255	5	785562	785776	..	.....	.....	.....
820	21.60	Magnalux Luminaire	61-255	5	785563	785776	..	.....	.....	.....
821	21.60	Magnalux Luminaire	61-255	5	785562	788847	..	.....	.....	.....
822	21.60	Magnalux Luminaire	61-255	5	785563	788847	..	.....	.....	.....
823	21.60	Magnalux Luminaire	61-255	5	785562	788848	..	.....	.....	.....
824	21.60	Magnalux Luminaire	61-255	5	785563	788848	..	.....	.....	.....
825	21.60	Magnalux Luminaire	61-255	5	785562	788849	..	.....	.....	.....
826	21.60	Magnalux Luminaire	61-255	5	785563	788849	..	.....	.....	.....
829	9.33	Lunaire Jr. Luminaire	61-270	13	789369	349530	34	.20	.....	.....
830	11.64	Lunaire Jr. Luminaire	61-270	13	789370	349038	35 5/8	.20	.....	.....
831	14.55	Lunaire Jr. Luminaire	61-270	13	789370	349039	36	.20	.....	.....
832	22.85	Lunaire Jr. Luminaire	61-270	13	789371	349692	37 1/2	.20	.....	.....
833	7.75	Lunaire Jr. Luminaire	61-270	13	789367	349040	29 5/8	.20	.....	.....
834	9.49	Lunaire Jr. Luminaire	61-270	13	789367	349041	31 1/8	.20	.....	.....
835	11.47	Lunaire Jr. Luminaire	61-270	13	789367	349042	32 1/2	.20	.....	.....
836	13.27	Lunaire Jr. Luminaire	61-270	13	789368	349043	34	.20	.....	.....
837	13.47	Lunaire Jr. Luminaire	61-270	13	789369	349531	34	.20	.....	.....
838	16.59	Lunaire Jr. Luminaire	61-270	13	789370	349044	35 3/8	.20	.....	.....
839	21.15	Lunaire Jr. Luminaire	61-270	13	789370	349045	36	.20	.....	.....
840	32.75	Lunaire Jr. Luminaire	61-270	13	789371	349693	37 1/2	.20	.....	.....
841	7.60	Lunaire Jr. Luminaire	61-270	13	789367	784860	29 5/8	.20	.....	.....
842	8.77	Lunaire Jr. Luminaire	61-270	13	789367	784861	30 3/4	.20	.....	.....
843	9.85	Lunaire Jr. Luminaire	61-270	13	789367	784862	32 1/8	.20	.....	.....
844	12.40	Lunaire Jr. Luminaire	61-270	13	789368	784863	33 5/8	.20	.....	.....
846	12.60	Lunaire Jr. Luminaire	61-270	13	789369	784864	34 1/8	.20	.....	.....
851	16.70	Lunalux Luminaire	61-260	8	784044	784901	32 1/2	.11	.....	.....
852	17.60	Lunalux Luminaire	61-260	8	784044	784902	34	.11	.....	.....
853	24.80	Lunalux Luminaire	61-260	8	784044	784903	35 1/4	.11	.....	.....
854	27.15	Lunalux Luminaire	61-260	8	784045	784904	37	.11	.....	.....
855	35.90	Lunalux Luminaire	61-260	8	784045	784905	38 1/8	.11	.....	.....
856	19.40	Lunalux Luminaire	61-260	8	784044	784891	32 1/2	.11	.....	.....
857	20.85	Lunalux Luminaire	61-260	8	784044	784892	34	.11
788858	26.25	Lunalux Luminaire	61-260	8	784044	784893	35 1/4	.11

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788859	\$31.90	Lunalux Luminaire	61-260	8	784045	784894	37	\$.11	.....	.....
860	43.30	Lunalux Luminaire	61-260	8	784045	784895	38 $\frac{1}{8}$	.11	.....	.....
861	15.00	Lunaire Jr. Luminaire	61-270	13	789370	784865	35	.20	.....	.....
862	18.66	Lunaire Jr. Luminaire	61-270	13	789370	784866	35 $\frac{5}{8}$	.20	.....	.....
863	33.50	Lunaire Jr. Luminaire	61-270	13	789371	784867	37 $\frac{1}{8}$	.20	.....	.....
864	10.30	Lunaire Jr. Luminaire	61-270	13	789367	784868	29 $\frac{5}{8}$	.20	.....	.....
865	11.02	Lunaire Jr. Luminaire	61-270	13	789367	784869	30 $\frac{3}{4}$	.20	.....	.....
866	12.85	Lunaire Jr. Luminaire	61-270	13	789367	784870	32 $\frac{1}{8}$	.20	.....	.....
867	16.15	Lunaire Jr. Luminaire	61-270	13	789368	784871	33 $\frac{5}{8}$	.20	.....	.....
868	16.35	Lunaire Jr. Luminaire	61-270	13	789369	784872	34 $\frac{1}{8}$	.20	.....	.....
869	19.50	Lunaire Jr. Luminaire	61-270	13	789370	784873	35	.20	.....	.....
870	24.66	Lunaire Jr. Luminaire	61-270	13	789370	784874	35 $\frac{5}{8}$	.20	.....	.....
871	12.80	Lunalux Luminaire	61-260	9	349670	784901	..	.....	.....	.....
872	13.70	Lunalux Luminaire	61-260	9	349670	784902	..	.....	.....	.....
873	20.90	Lunalux Luminaire	61-260	9	349670	784903	..	.....	.....	.....
874	23.95	Lunalux Luminaire	61-260	9	349886	784904	..	.....	.....	.....
875	32.70	Lunalux Luminaire	61-260	9	349886	784905	..	.....	.....	.....
876	15.50	Lunalux Luminaire	61-260	9	349670	784891	..	.....	.....	.....
877	16.95	Lunalux Luminaire	61-260	9	349670	784892	..	.....	.....	.....
878	22.35	Lunalux Luminaire	61-260	9	349670	784893	..	.....	.....	.....
879	28.70	Lunalux Luminaire	61-260	9	349886	784894	..	.....	.....	.....
880	40.10	Lunalux Luminaire	61-260	9	349886	784895	..	.....	.....	.....
881	14.90	Lunalux Luminaire	61-260	9	784042	784901	32 $\frac{1}{2}$	.....	7	\$.14
882	15.80	Lunalux Luminaire	61-260	9	784042	784902	34	.....	7	.14
883	23.00	Lunalux Luminaire	61-260	9	784042	784903	35 $\frac{1}{4}$	.....	7	.14
884	25.35	Lunalux Luminaire	61-260	9	784043	784904	36 $\frac{7}{8}$	.....	7	.14
885	34.10	Lunalux Luminaire	61-260	9	784043	784905	38	.....	7	.14
886	17.60	Lunalux Luminaire	61-260	9	784042	784891	32 $\frac{1}{2}$	.....	7	.14
887	19.05	Lunalux Luminaire	61-260	9	784042	784892	34	.....	7	.14
888	24.45	Lunalux Luminaire	61-260	9	784042	784893	35 $\frac{1}{4}$	.....	7	.14
889	30.10	Lunalux Luminaire	61-260	9	784043	784894	36 $\frac{7}{8}$	.....	7	.14
890	41.50	Lunalux Luminaire	61-260	9	784043	784895	38	.....	7	.14
891	42.50	Lunaire Jr. Luminaire	61-270	13	789371	784875	37 $\frac{1}{8}$	.20	.....	.....
892	4.08	Sollite Luminaire	61-270	14	789357	340209	29 $\frac{3}{8}$	.10	.....	.....
893	4.83	Sollite Luminaire	61-270	14	789357	340210	30 $\frac{3}{8}$	.10	.....	.....
894	6.00	Sollite Luminaire	61-270	14	789357	340211	31 $\frac{3}{8}$	.10	.....	.....
895	6.85	Sollite Luminaire	61-270	14	789358	340232	33	.10	.....	.....
896	9.32	Sollite Luminaire	61-270	14	789359	340213	34 $\frac{1}{4}$	.10	.....	.....
897	12.23	Sollite Luminaire	61-270	14	789359	340214	35 $\frac{7}{8}$	.10	.....	.....
898	4.44	Sollite Luminaire	61-270	14	789357	340216	29 $\frac{3}{8}$	.10	.....	.....
899	5.43	Sollite Luminaire	61-270	14	789357	340217	30 $\frac{3}{8}$	.10	.....	.....
900	7.32	Sollite Luminaire	61-270	14	789357	340218	31 $\frac{3}{8}$	.10	.....	.....
907	8.89	Sollite Luminaire	61-270	14	789358	340233	33	.10	.....	.....
908	12.14	Sollite Luminaire	61-270	14	789359	340220	34 $\frac{1}{4}$	.10	.....	.....
909	15.53	Sollite Luminaire	61-270	14	789359	340221	35 $\frac{7}{8}$	.10	.....	.....
910	2.86	Sollite Luminaire	61-270	15	785949	340209	..	.....	.....	.....
911	3.61	Sollite Luminaire	61-270	15	785949	340210	..	.....	.....	.....
912	4.78	Sollite Luminaire	61-270	15	785949	340211	..	.....	.....	.....
913	5.63	Sollite Luminaire	61-270	15	785950	340232	..	.....	.....	.....
914	7.79	Sollite Luminaire	61-270	15	785951	340213	..	.....	.....	.....
915	10.70	Sollite Luminaire	61-270	15	785951	340214	..	.....	.....	.....
916	3.22	Sollite Luminaire	61-270	15	785949	340216	..	.....	.....	.....
917	4.21	Sollite Luminaire	61-270	15	785949	340217	..	.....	.....	.....
918	6.10	Sollite Luminaire	61-270	15	785949	340218	..	.....	.....	.....
919	7.67	Sollite Luminaire	61-270	15	785950	340233	..	.....	.....	.....
788920	10.61	Sollite Luminaire	61-270	15	785951	340220	..	.....	.....	.....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

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Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788921	\$14.00	Sollite Luminaire	61-270	15	785951	340221				
922	3.15	Sollite Luminaire	61-270	15	789354	340209	29 ³ / ₈		7	\$.10
923	3.90	Sollite Luminaire	61-270	15	789354	340210	30 ³ / ₈		7	.10
924	5.07	Sollite Luminaire	61-270	15	789354	340211	31 ³ / ₈		7	.10
925	5.92	Sollite Luminaire	61-270	15	789355	340232	33		7	.10
926	8.32	Sollite Luminaire	61-270	15	789356	340213	34 ¹ / ₄		7	.10
927	11.23	Sollite Luminaire	61-270	15	789356	340214	35 ⁷ / ₈		7	.10
928	3.51	Sollite Luminaire	61-270	15	789354	340216	29 ³ / ₈		7	.10
929	4.50	Sollite Luminaire	61-270	15	789354	340217	30 ³ / ₈		7	.10
930	6.39	Sollite Luminaire	61-270	15	789354	340218	31 ³ / ₈		7	.10
931	7.96	Sollite Luminaire	61-270	15	789355	340233	33		7	.10
932	11.14	Sollite Luminaire	61-270	15	789356	340220	34 ¹ / ₄		7	.10
933	14.53	Sollite Luminaire	61-270	15	789356	340221	35 ⁷ / ₈		7	.10
934	4.36	Sollite Luminaire	61-270	17	785955	340209	29 ³ / ₈	\$.10		
935	5.11	Sollite Luminaire	61-270	17	785955	340210	30 ³ / ₈	.10		
936	6.28	Sollite Luminaire	61-270	17	785955	340211	31 ³ / ₈	.10		
937	7.13	Sollite Luminaire	61-270	17	785956	340232	33	.10		
938	9.60	Sollite Luminaire	61-270	17	785957	340213	34	.10		
939	12.51	Sollite Luminaire	61-270	17	785957	340214	35 ⁷ / ₈	.10		
940	4.72	Sollite Luminaire	61-270	17	785955	340216	29 ³ / ₈	.10		
941	5.71	Sollite Luminaire	61-270	17	785955	340217	30 ³ / ₈	.10		
942	7.60	Sollite Luminaire	61-270	17	785955	340218	31 ³ / ₈	.10		
943	9.17	Sollite Luminaire	61-270	17	785956	340233	33	.10		
944	12.42	Sollite Luminaire	61-270	17	785957	340220	34 ¹ / ₄	.10		
945	15.81	Sollite Luminaire	61-270	17	785957	340221	35 ⁷ / ₈	.10		
946	3.43	Sollite Luminaire	61-270	17	785952	340209	29 ³ / ₈		7	.10
947	4.18	Sollite Luminaire	61-270	17	785952	340210	30 ³ / ₈		7	.10
948	5.35	Sollite Luminaire	61-270	17	785952	340211	31 ³ / ₈		7	.10
949	6.20	Sollite Luminaire	61-270	17	785953	340232	33		7	.10
950	8.60	Sollite Luminaire	61-270	17	785954	340213	34 ¹ / ₄		7	.10
951	11.51	Sollite Luminaire	61-270	17	785954	340214	35 ⁷ / ₈		7	.10
952	3.79	Sollite Luminaire	61-270	17	785952	340216	29 ³ / ₈		7	.10
953	4.78	Sollite Luminaire	61-270	17	785952	340217	30 ³ / ₈		7	.10
954	6.67	Sollite Luminaire	61-270	17	785952	340218	31 ³ / ₈		7	.10
955	8.24	Sollite Luminaire	61-270	17	785953	340233	33		7	.10
956	11.42	Sollite Luminaire	61-270	17	785954	340220	34 ¹ / ₄		7	.10
957	14.81	Sollite Luminaire	61-270	17	785954	340221	35 ⁷ / ₈		7	.10
958	3.96	Sollite Luminaire	61-270	16	785946	340209	29 ³ / ₈	.10		
959	4.71	Sollite Luminaire	61-270	16	785946	340210	30 ³ / ₈	.10		
960	5.88	Sollite Luminaire	61-270	16	785946	340211	31 ³ / ₈	.10		
961	6.73	Sollite Luminaire	61-270	16	785947	340232	33	.10		
962	9.20	Sollite Luminaire	61-270	16	785948	340213	34 ¹ / ₄	.10		
963	12.11	Sollite Luminaire	61-270	16	785948	340214	35 ⁷ / ₈	.10		
964	4.32	Sollite Luminaire	61-270	16	785946	340216	29 ³ / ₈	.10		
965	5.31	Sollite Luminaire	61-270	16	785946	340217	30 ³ / ₈	.10		
966	7.20	Sollite Luminaire	61-270	16	785946	340218	31 ³ / ₈	.10		
967	8.77	Sollite Luminaire	61-270	16	785947	340233	33	.10		
968	12.02	Sollite Luminaire	61-270	16	785948	340220	34 ¹ / ₄	.10		
969	15.41	Sollite Luminaire	61-270	16	785948	340221	35 ⁷ / ₈	.10		
970	3.03	Sollite Luminaire	61-270	16	785943	340209	29 ³ / ₈		7	.10
971	3.78	Sollite Luminaire	61-270	16	785943	340210	30 ³ / ₈		7	.10
972	4.95	Sollite Luminaire	61-270	16	785943	340211	31 ³ / ₈		7	.10
973	5.80	Sollite Luminaire	61-270	16	785944	340232	33		7	.10
974	8.20	Sollite Luminaire	61-270	16	785945	340213	34 ¹ / ₄		7	.10
975	11.11	Sollite Luminaire	61-270	16	785945	340214	35 ⁷ / ₈		7	.10
788976	3.39	Sollite Luminaire	61-270	16	785943	340216	29 ³ / ₈		7	.10

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788977	\$ 4.38	Sollite Luminaire	61-270	16	785943	340217	30 $\frac{3}{8}$	.....	7	\$.10
978	6.27	Sollite Luminaire	61-270	16	785943	340218	31 $\frac{3}{8}$	.....	7	.10
979	7.84	Sollite Luminaire	61-270	16	785944	340233	33	.....	7	.10
980	11.02	Sollite Luminaire	61-270	16	785945	340220	34 $\frac{1}{4}$	.....	7	.10
981	14.41	Sollite Luminaire	61-270	16	785945	340221	35 $\frac{7}{8}$	.....	7	.10
982	2.74	Sollite Luminaire	61-270	16	785940	340209	..	.....	.....	.....
983	3.49	Sollite Luminaire	61-270	16	785940	340210	..	.....	.....	.....
984	4.66	Sollite Luminaire	61-270	16	785940	340211	..	.....	.....	.....
985	5.51	Sollite Luminaire	61-270	16	785941	340232	..	.....	.....	.....
986	7.67	Sollite Luminaire	61-270	16	785942	340213	..	.....	.....	.....
987	10.58	Sollite Luminaire	61-270	16	785942	340214	..	.....	.....	.....
988	3.10	Sollite Luminaire	61-270	16	785940	340216	..	.....	.....	.....
989	4.09	Sollite Luminaire	61-270	16	785940	340217	..	.....	.....	.....
990	5.98	Sollite Luminaire	61-270	16	785940	340218	..	.....	.....	.....
991	7.55	Sollite Luminaire	61-270	16	785941	340233	..	.....	.....	.....
992	10.49	Sollite Luminaire	61-270	16	785942	340220	..	.....	.....	.....
993	13.88	Sollite Luminaire	61-270	16	785942	340221	..	.....	.....	.....
994	3.58	Sollite Luminaire	61-270	18	789363	340209	..	.....	.....	.....
995	4.33	Sollite Luminaire	61-270	18	789363	340210	..	.....	.....	.....
996	5.50	Sollite Luminaire	61-270	18	789363	340211	..	.....	.....	.....
997	6.35	Sollite Luminaire	61-270	18	789364	340232	..	.....	.....	.....
998	8.82	Sollite Luminaire	61-270	18	789365	340213	..	.....	.....	.....
999	11.73	Sollite Luminaire	61-270	18	789365	340214	..	.....	.....	.....
789000	3.94	Sollite Luminaire	61-270	18	789363	340216	..	.....	.....	.....
001	4.93	Sollite Luminaire	61-270	18	789363	340217	..	.....	.....	.....
002	6.82	Sollite Luminaire	61-270	18	789363	340218	..	.....	.....	.....
003	8.39	Sollite Luminaire	61-270	18	789364	340233	..	.....	.....	.....
004	11.64	Sollite Luminaire	61-270	18	789365	340220	..	.....	.....	.....
005	15.03	Sollite Luminaire	61-270	18	789365	340221	..	.....	.....	.....
006	2.36	Sollite Luminaire	61-270	18	785976	340209	..	.....	.....	.....
007	3.11	Sollite Luminaire	61-270	18	785976	340210	..	.....	.....	.....
008	4.28	Sollite Luminaire	61-270	18	785976	340211	..	.....	.....	.....
009	7.29	Sollite Luminaire	61-270	18	785978	340213	..	.....	.....	.....
010	10.20	Sollite Luminaire	61-270	18	785978	340214	..	.....	.....	.....
011	2.72	Sollite Luminaire	61-270	18	785976	340216	..	.....	.....	.....
012	3.71	Sollite Luminaire	61-270	18	785976	340217	..	.....	.....	.....
013	5.60	Sollite Luminaire	61-270	18	785976	340218	..	.....	.....	.....
014	7.17	Sollite Luminaire	61-270	18	785977	340233	..	.....	.....	.....
015	10.11	Sollite Luminaire	61-270	18	785978	340220	..	.....	.....	.....
016	13.50	Sollite Luminaire	61-270	18	785978	340221	..	.....	.....	.....
017	2.65	Sollite Luminaire	61-270	18	789360	340209	..	.....	.....	.....
018	3.40	Sollite Luminaire	61-270	18	789360	340210	..	.....	.....	.....
019	4.57	Sollite Luminaire	61-270	18	789360	340211	..	.....	.....	.....
020	5.42	Sollite Luminaire	61-270	18	789361	340232	..	.....	.....	.....
021	7.82	Sollite Luminaire	61-270	18	789362	340213	..	.....	.....	.....
022	10.73	Sollite Luminaire	61-270	18	789362	340214	..	.....	.....	.....
023	3.01	Sollite Luminaire	61-270	18	789360	340216	..	.....	.....	.....
024	4.00	Sollite Luminaire	61-270	18	789360	340217	..	.....	.....	.....
025	5.89	Sollite Luminaire	61-270	18	789360	340218	..	.....	.....	.....
026	7.46	Sollite Luminaire	61-270	18	789361	340233	..	.....	.....	.....
027	9.95	Sollite Luminaire	61-270	18	789362	340220	..	.....	.....	.....
028	14.03	Sollite Luminaire	61-270	18	789362	340221	..	.....	.....	.....
029	3.86	Sollite Luminaire	61-270	20	786585	340209	..	.....	.....	.....
030	4.61	Sollite Luminaire	61-270	20	786585	340210	..	.....	.....	.....
789031	5.78	Sollite Luminaire	61-270	20	786585	340211	..	.....	.....	.....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Luminaire Style No.	Luminaire List Price	Description	Catalog Section No.	Page	Hanger Style No.	Glassware Style No.	Luminaire Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
789032	6.63	Sollite Luminaire	61-270	20	786586	340232	..	.....	.....	.....
033	9.10	Sollite Luminaire	61-270	20	786587	340213	..	.....	.....	.....
034	12.01	Sollite Luminaire	61-270	20	786587	340214	..	.....	.....	.....
035	4.22	Sollite Luminaire	61-270	20	786585	340216	..	.....	.....	.....
036	5.21	Sollite Luminaire	61-270	20	786585	340217	..	.....	.....	.....
037	7.10	Sollite Luminaire	61-270	20	786585	340218	..	.....	.....	.....
038	8.67	Sollite Luminaire	61-270	20	786586	340233	..	.....	.....	.....
039	11.92	Sollite Luminaire	61-270	20	786587	340220	..	.....	.....	.....
040	15.31	Sollite Luminaire	61-270	20	786587	340221	..	.....	.....	.....
041	2.93	Sollite Luminaire	61-270	20	786582	340209	..	.....	.....	.....
042	3.68	Sollite Luminaire	61-270	20	786582	340210	..	.....	.....	.....
043	4.85	Sollite Luminaire	61-270	20	786582	340211	..	.....	.....	.....
044	5.70	Sollite Luminaire	61-270	20	786583	340232	..	.....	.....	.....
045	8.10	Sollite Luminaire	61-270	20	786584	340213	..	.....	.....	.....
046	11.01	Sollite Luminaire	61-270	20	786584	340214	..	.....	.....	.....
047	3.29	Sollite Luminaire	61-270	20	786582	340216	..	.....	.....	.....
048	4.28	Sollite Luminaire	61-270	20	786582	340217	..	.....	.....	.....
049	6.17	Sollite Luminaire	61-270	20	786582	340218	..	.....	.....	.....
050	7.74	Sollite Luminaire	61-270	20	786583	340233	..	.....	.....	.....
051	10.92	Sollite Luminaire	61-270	20	786584	340220	..	.....	.....	.....
052	14.31	Sollite Luminaire	61-270	20	786584	340221	..	.....	.....	.....
053	2.24	Sollite Luminaire	61-270	19	786573	340209	..	.....	.....	.....
054	2.99	Sollite Luminaire	61-270	19	786573	340210	..	.....	.....	.....
055	4.16	Sollite Luminaire	61-270	19	786573	340211	..	.....	.....	.....
056	5.01	Sollite Luminaire	61-270	19	786574	340232	..	.....	.....	.....
057	7.17	Sollite Luminaire	61-270	19	786575	340213	..	.....	.....	.....
058	10.08	Sollite Luminaire	61-270	19	786575	340214	..	.....	.....	.....
059	2.60	Sollite Luminaire	61-270	19	786573	340216	..	.....	.....	.....
060	3.59	Sollite Luminaire	61-270	19	786573	340217	..	.....	.....	.....
061	5.48	Sollite Luminaire	61-270	19	786573	340218	..	.....	.....	.....
062	7.05	Sollite Luminaire	61-270	19	786574	340233	..	.....	.....	.....
063	9.99	Sollite Luminaire	61-270	19	786575	340220	..	.....	.....	.....
064	13.38	Sollite Luminaire	61-270	19	786575	340221	..	.....	.....	.....
065	3.46	Sollite Luminaire	61-270	19	786579	340209	..	.....	.....	.....
066	4.21	Sollite Luminaire	61-270	19	786579	340210	..	.....	.....	.....
067	5.38	Sollite Luminaire	61-270	19	786579	340211	..	.....	.....	.....
068	6.23	Sollite Luminaire	61-270	19	786580	340232	..	.....	.....	.....
069	8.70	Sollite Luminaire	61-270	19	786581	340213	..	.....	.....	.....
070	11.61	Sollite Luminaire	61-270	19	786581	340214	..	.....	.....	.....
071	3.82	Sollite Luminaire	61-270	19	786579	340216	..	.....	.....	.....
072	4.81	Sollite Luminaire	61-270	19	786579	340217	..	.....	.....	.....
073	6.70	Sollite Luminaire	61-270	19	786579	340218	..	.....	.....	.....
074	8.27	Sollite Luminaire	61-270	19	786580	340233	..	.....	.....	.....
075	11.52	Sollite Luminaire	61-270	19	786581	340220	..	.....	.....	.....
076	14.91	Sollite Luminaire	61-270	19	786581	340221	..	.....	.....	.....
077	2.53	Sollite Luminaire	61-270	19	786576	340209	..	.....	.....	.....
078	3.28	Sollite Luminaire	61-270	19	786576	340210	..	.....	.....	.....
079	4.45	Sollite Luminaire	61-270	19	786576	340211	..	.....	.....	.....
080	5.30	Sollite Luminaire	61-270	19	786577	340232	..	.....	.....	.....
081	7.70	Sollite Luminaire	61-270	19	786578	340213	..	.....	.....	.....
082	10.61	Sollite Luminaire	61-270	19	786578	340214	..	.....	.....	.....
083	2.89	Sollite Luminaire	61-270	19	786576	340216	..	.....	.....	.....
084	3.88	Sollite Luminaire	61-270	19	786576	340217	..	.....	.....	.....
085	5.77	Sollite Luminaire	61-270	19	786576	340218	..	.....	.....	.....
086	7.34	Sollite Luminaire	61-270	19	786577	340233	..	.....	.....	.....
087	10.52	Sollite Luminaire	61-270	19	786578	340220	..	.....	.....	.....
088	13.91	Sollite Luminaire	61-270	19	786578	340221
789336	5.13	Sollite Luminaire	61-270	18	785977	340232

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

Part II—Assembly Details and Accessories

Canopy Switches

All Sollux, Sollaie and Sollite canopies, except ornamental and corridor Sollux and ornamental Sollaie are furnished with knock-outs for standard canopy switches. Magnalux canopies are furnished with knock-outs for standard canopy switch. Levolver No. 41 flat

type. These switches will be furnished installed for \$2.70 each list additional or not installed for \$1.55 each list.

Three Light Sockets

Mogul sockets for 3-light lamps are listed in Catalog Section 61-280 and will be furnished with any standard

wired mogul commercial hanger except Residential Magnalux at an increase of \$1.30 list. If canopy switch is furnished in addition to the 3-light socket add \$3.10 list.

Sollaie and Lunaire Decorated Globes (Drilled) with Tassel—See page 24.

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
1358 Monax										
P.L. 61-310		Shade	61-270	22	36	25	....	....	..	....
338470	\$ 5.70	Hanger	61-270	22	12	28	....	....	..	....
471	6.25	Hanger	61-270	22	12	28	....	....	..	....
479	4.50	Bracket	61-270	22	12	25	....	....	..	....
494	4.95	Bracket	61-270	22	12	25	....	....	..	....
523	3.50	Hanger	61-270	22	12	17	....	....	..	....
575	4.25	Hanger	61-270	22	12	25	....	....	..	....
576	5.35	Hanger	61-270	22	12	25	....	....	..	....
577	4.70	Hanger	61-270	22	12	28	....	....	..	....
578	5.80	Hanger	61-270	22	12	28	....	....	..	....
579	5.15	Hanger	61-270	22	12	28	....	....	..	....
580	6.25	Hanger	61-270	22	12	28	....	....	..	....
583	3.60	Hanger	61-270	22	12	17	....	....	..	....
339242	.60	Sollaie Extension	61-270	5 & 11	25	12	....	....	..	....
243	.45	Sollaie Extension	61-270	5 & 11	25	10	....	....	..	....
394	.65	Sollux Extension	61-260	5 & 11	25	12	....	....	..	....
571	.50	Sollux Extension	61-260	5 & 11	25	10	....	....	..	....
340209	.90	Sollite Globe	.....	..	8	16	....	....	..	....
210	1.65	Sollite Globe	.....	..	1	4	....	....	..	....
211	2.82	Sollite Globe	.....	..	1	5	....	....	..	....
212	3.63	Sollite Globe	61-270	17 & 20	1	7	....	....	..	....
213	5.34	Sollite Globe	.....	..	1	10	....	....	..	....
214	8.25	Sollite Globe	.....	..	1	12	....	....	..	....
215	14.85	Sollite Globe	61-270	17 & 20	1	14	....	....	..	....
216	1.26	Sollite Globe	.....	..	8	16	....	....	..	....
217	2.25	Sollite Globe	.....	..	1	4	....	....	..	....
218	4.14	Sollite Globe	.....	..	1	5	....	....	..	....
219	5.67	Sollite Globe	61-270	17 & 20	1	7	....	....	..	....
220	8.16	Sollite Globe	.....	..	1	10	....	....	..	....
221	11.55	Sollite Globe	.....	..	1	12	....	....	..	....
222	20.64	Sollite Globe	61-270	17 & 20	1	14	....	....	..	....
232	3.63	Sollite Globe	.....	..	1	7	....	....	..	....
233	5.67	Sollite Globe	.....	..	1	7	....	....	..	....
324	1.05	Sollaie Globe	61-270	3 & 5	8	16	....	....	..	....
325	2.82	Sollaie Globe	61-270	3 & 5	1	5	....	....	..	....
330	2.79	Sollaie Globe	61-270	3 & 5	8	16	....	....	..	....
331	6.12	Sollaie Globe	61-270	3 & 5	1	5	....	....	..	....
341156	3.20	Sollaie Hanger	.....	..	12	17	....	....	..	....
157	3.40	Sollaie Hanger	.....	..	12	18	....	....	..	....
158	4.10	Sollaie Hanger	.....	..	12	28	....	....	..	....
159	5.50	Sollaie Hanger	12	40
162	30.40	Floodlight	61-270	23	1	10
341163	4.55	Holder	61-270	23	1	5

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

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Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Shp. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
341164	\$ 2.00	Films	61-270	23	1	1	.....	.....	.....	.....
165	2.00	Films	61-270	23	1	1	.....	.....	.....	.....
166	2.00	Films	61-270	23	1	1	.....	.....	.....	.....
167	2.00	Films	61-270	23	1	1	.....	.....	.....	.....
168	1.60	Films	61-270	23	1	1	.....	.....	.....	.....
169	3.50	Sollaire Hanger	.....	..	12	25	.....	.....	.....	.....
342198	.60	Base	61-270	23	1	1 $\frac{1}{2}$	.....	.....	.....	.....
343026	5.45	Sollux Bracket	.....	..	12	35	.....	.....	.....	.....
033	5.30	Sollux Bracket	.....	..	12	35	.....	.....	.....	.....
150	4.25	Bracket	61-270	22	12	35	.....	.....	.....	.....
151	4.80	Bracket	61-270	22	12	35	.....	.....	.....	.....
211	1.60	Sollaire Hanger	.....	..	12	10	.....	.....	.....	.....
212	1.50	Sollaire Hanger	.....	..	12	10	.....	.....	.....	.....
213	3.00	Sollaire Hanger	.....	..	12	10	.....	.....	.....	.....
214	.80	Sollaire Globe	.....	..	60	31	.....	.....	.....	.....
215	27.50	Sollux Hanger	.....	..	1	15	.....	.....	.....	.....
216	32.50	Sollux Hanger	.....	..	1	20	.....	.....	.....	.....
217	35.60	Sollux Hanger	.....	..	1	25	.....	.....	.....	.....
272	24.50	Sollux Hanger	.....	..	1	10	.....	.....	.....	.....
273	25.90	Sollux Hanger	.....	..	1	12	.....	.....	.....	.....
278	42.65	Sollux Hanger	.....	..	1	10	.....	.....	.....	.....
279	44.05	Sollux Hanger	.....	..	1	15	.....	.....	.....	.....
851	35.70	Sollux Hanger	.....	..	1	20	42 $\frac{1}{8}$	.....	6	\$.25
852	41.00	Sollux Hanger	.....	..	1	25	42 $\frac{3}{8}$	.....	6	.25
853	44.10	Sollux Hanger	.....	..	1	30	42 $\frac{3}{8}$	.....	6	.25
872	32.70	Sollux Hanger	.....	..	1	10	24 $\frac{1}{8}$	.....	6	.25
873	34.10	Sollux Hanger	.....	..	1	15	42 $\frac{1}{8}$	.....	6	.25
878	26.00	Sollux Hanger	.....	..	6	40	42 $\frac{1}{8}$	.....	6	.25
919	37.30	Sollaire Hanger	.....	..	1	25	42 $\frac{1}{8}$	.....	6	.23
920	42.20	Sollaire Hanger	.....	..	1	30	42 $\frac{1}{8}$	.....	6	.23
921	44.40	Sollaire Hanger	.....	..	1	35	42 $\frac{1}{8}$	.....	6	.23
922	54.80	Sollaire Hanger	.....	..	1	40	42 $\frac{1}{8}$	.....	6	.23
926	25.90	Sollaire Hanger	.....	..	1	20	.....	.....	.....	.....
927	30.90	Sollaire Hanger	.....	..	1	25	.....	.....	.....	.....
928	33.20	Sollaire Hanger	.....	..	1	30	.....	.....	.....	.....
929	43.40	Sollaire Hanger	.....	..	1	35	.....	.....	.....	.....
930	37.70	Sollaire Hanger	.....	..	1	10	.....	.....	.....	.....
931	32.90	Sollaire Hanger	.....	..	1	8	.....	.....	.....	.....
932	38.70	Sollaire Hanger	.....	..	1	12	.....	.....	.....	.....
934	40.80	Sollaire Hanger	.....	..	1	15	.....	.....	.....	.....
936	42.50	Sollaire Hanger	.....	..	1	20	.....	.....	.....	.....
937	34.00	Sollaire Hanger	.....	..	1	10	.....	.....	.....	.....
938	38.70	Sollaire Hanger	.....	..	1	25	42 $\frac{1}{8}$	.....	6	.23
939	27.50	Sollaire Hanger	.....	..	1	20	.....	.....	.....	.....
344181	.50	Sollux Cap	61-260	13	1	1 $\frac{1}{2}$	.....	.....	.....	.....
182	.70	Sollux Cap	61-260	13	1	1 $\frac{1}{2}$	.....	.....	.....	.....
183	.90	Sollux Cap	61-260	13	1	1 $\frac{1}{2}$	.....	.....	.....	.....
469	1.00	Sollux Extension	61-260	3 & 9	25	15	.....	.....	.....	.....
		Sollaire Extension	61-270	3 & 9	25	15	.....	.....	.....	.....
692	7.50	Sollux Hanger	.....	..	12	32	24	.....	8	.15
693	9.25	Sollux Hanger	.....	..	12	35	24 $\frac{3}{4}$	.....	8	.15
694	9.40	Sollux Hanger	.....	..	12	32	24	\$.12	.....	.....
695	11.15	Sollux Hanger	.....	..	12	35	24	.12	.....	.....
698	.75	Extension	61-270	22	12	2	.....	.....	.....	.....
699	.75	Extension	61-270	22	12	2	.....	.....	.....	.....
344711	.50	Sollux Cap	61-260	13	1	1 $\frac{1}{2}$	.....	.....	.....	.....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
344712	\$.70	Sollux Cap	61-260	13	1	1/2	....	....	..	....
713	.90	Sollux Cap	61-260	13	1	1/2	....	....	..	....
346563	.03	Sollaire Chain Link	61-270	5 & 11	100	5	....	....	..	....
581	.50	Lunalux Cap	61-260	13	1	1/2	....	....	..	....
582	.70	Lunalux Cap	61-260	13	1	1/2	....	....	..	....
583	.90	Lunalux Cap	61-260	13	1	1/2	....	....	..	....
591	.50	Lunalux Cap	61-260	13	1	1/2	....	....	..	....
592	.70	Lunalux Cap	61-260	13	1	1/2	....	....	..	....
593	.90	Lunalux Cap	61-260	13	1	1/2	....	....	..	....
347225	.20	Louverlux Chain Link	61-260	15	10	3	....	....	..	....
226	.10	Louverlux Chain Link	61-260	15	10	4	....	....	..	....
227	.50	Louverlux Chain Link	61-260	15	10	5	....	....	..	....
349034	.90	Sollaire Globe	.....	..	8	16	....	....	..	....
035	1.65	Sollaire Globe	.....	..	1	4	....	....	..	....
036	2.82	Sollaire Globe	.....	..	1	5	....	....	..	....
037	3.63	Sollaire Globe	.....	..	1	7	....	....	..	....
038	5.34	Sollaire Globe	.....	..	1	9	....	....	..	....
039	8.25	Sollaire Globe	.....	..	1	12	....	....	..	....
040	2.40	Sollaire Globe	.....	..	8	16	....	....	..	....
041	4.14	Sollaire Globe	.....	..	1	4	....	....	..	....
042	6.12	Sollaire Globe	.....	..	1	5	....	....	..	....
043	7.77	Sollaire Globe	.....	..	1	7	....	....	..	....
044	10.29	Sollaire Globe	.....	..	1	9	....	....	..	....
045	14.85	Sollaire Globe	.....	..	1	12	....	....	..	....
051	3.85	Sollaire Globe	.....	..	8	16	....	....	..	....
052	5.70	Sollaire Globe	.....	..	1	4	....	....	..	....
053	7.85	Sollaire Globe	.....	..	1	5	....	....	..	....
054	9.50	Sollaire Globe	.....	..	1	7	....	....	..	....
055	12.20	Sollaire Globe	.....	..	1	9	....	....	..	....
056	17.10	Sollaire Globe	.....	..	1	12	....	....	..	....
274	2.18	Sollaire Hanger	.....	..	12	17	....	....	..	....
288	1.75	Sollux Tassel	61-260	13	1	1	....	....	..	....
435	.20	Sollux Ornament	61-260	13	1	1/4	....	....	..	....
517	.12	{ Sollux Chain Link	61-260	6	1	1/2	....	....	..	....
524	2.40	{ Sollaire Chain Link	61-270	7	1	1 1/2	....	....	..	....
		Holder	61-270	23	1	3	....	....	..	....
525	1.30	Films	61-270	23	1	1	....	....	..	....
526	1.30	Films	61-270	23	1	1	....	....	..	....
527	1.30	Films	61-270	23	1	1	....	....	..	....
528	1.30	Films	61-270	23	1	1	....	....	..	....
529	12.75	Floodlight	61-270	23	1	6	....	....	..	....
530	3.63	Sollaire Globe	.....	..	1	7	....	....	..	....
531	7.77	Sollaire Globe	.....	..	1	7	....	....	..	....
532	9.50	Sollaire Globe	.....	..	1	7	....	....	..	....
549	1.75	Sollaire Tassel	61-270	23	1	1	....	....	..	....
560	7.20	Guard	61-270	22	10	15	....	....	..	....
561	7.45	Guard	61-270	22	10	20	....	....	..	....
562	8.00	Guard	61-270	22	10	30	....	....	..	....
563	8.80	Guard	61-270	22	10	65	....	....	..	....
669	4.20	Sollux Hanger	.....	..	12	19	....	....	..	....
670	3.10	Sollux Hanger	.....	..	12	19	....	....	..	....
672	.20	Sollux Ornament	61-260	13	1	1/4	....	....	..	....
683	1.10	Sollux Extension	61-260	5 & 11	25	15	....	....	..	....
692	14.85	Sollaire Globe	.....	..	1	14	....	....	..	....
693	24.75	Sollaire Globe	.....	..	1	14	....	....	..	....
349694	28.00	Sollaire Globe	.....	..	1	14	....	....	..	....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
349696	\$.40	Base	61-270	23	1	1/2	....	....	..	....
719	1.50	Sollaire Tassel	61-270	23	1	1	....	....	..	....
758	45.65	Sollux Hanger	.....	..	1	20	....	....	..	....
759	31.55	Sollux Hanger	.....	..	1	15	....	....	..	....
886	4.70	Sollux Hanger	.....	..	12	25	....	....	..	....
887	5.80	Sollux Hanger	.....	..	12	25	....	....	..	....
924	1.05	Films	61-270	23	1	1	....	....	..	....
936	1.00	Sollaire Extension	61-270	5 & 11	25	15	....	....	..	....
939	1.75	Sollux Tassel	61-270	23	1	1	....	....	..	....
951	.02	{ Sollaire Chain Link	61-260	3 & 9	100	5	....	....	..	....
		{ Sollite Chain Link	61-270	3, 9, 17, 20 & 22	100	5	....	....	..	....
350491	8.25	Sollux Globe	.....	..	1	4	....	....	..	....
492	12.00	Sollux Globe	.....	..	1	5	....	....	..	....
493	15.10	Sollux Globe	.....	..	1	7	....	....	..	....
494	19.80	Sollux Globe	.....	..	1	9	....	....	..	....
495	28.20	Sollux Globe	.....	..	1	12	....	....	..	....
351484	1.00	Padlock	61-270	22	10	2	....	....	..	....
501	4.15	Sollux Globe	.....	..	1	4	....	....	..	....
502	6.55	Sollux Globe	.....	..	1	5	....	....	..	....
503	8.50	Sollux Globe	.....	..	1	7	....	....	..	....
504	11.70	Sollux Globe	.....	..	1	9	....	....	..	....
505	17.20	Sollux Globe	.....	..	1	12	....	....	..	....
352500	On Request	Kitchen Unit	61-260	13	1	6	....	....	..	....
501	On Request	Kitchen Unit	61-260	13	1	6	....	....	..	....
353837	.04	Sollux Chain Link	61-260	5 & 11	100	5	....	....	..	....
784000	.45	{ Sollux Extension	61-260	3 & 9	25	10	....	....	..	....
		{ Sollaire Extension	61-270	3 & 9	25	10	....	....	..	....
041	.60	{ Sollux Extension	61-260	3 & 9	25	12	....	....	..	....
		{ Sollaire Extension	61-270	3 & 9	25	12	....	....	..	....
042	5.20	Sollux Hanger	.....	..	12	26	24	....	7	\$.14
043	6.10	Sollux Hanger	.....	..	12	29	24 5/8	....	7	.14
044	7.00	Sollux Hanger	.....	..	12	30	24	\$.11	..	....
045	7.90	Sollux Hanger	.....	..	12	33	24	.11	..	....
091	4.45	Sollaire Hanger	.....	..	12	28	24 5/8	....	7	.10
092	5.70	Sollaire Hanger	.....	..	12	29	24	.10	..	....
254	4.10	Sollaire Hanger	.....	..	12	25	24	....	7	.10
255	4.25	Sollaire Hanger	.....	..	12	26	24	....	7	.10
256	5.05	Sollaire Hanger	.....	..	12	32	24 5/8	....	7	.10
258	6.80	Sollaire Hanger	.....	..	12	45	25 3/4	....	7	.10
264	5.35	Sollaire Hanger	.....	..	12	27	24	.10	..	....
265	5.50	Sollaire Hanger	.....	..	12	28	24	.10	..	....
266	6.30	Sollaire Hanger	.....	..	12	33	24	.10	..	....
268	8.00	Sollaire Hanger	.....	..	12	45	24	.10	..	....
434	3.85	Sollaire Hanger	.....	..	12	17	....	....	..	....
435	4.15	Sollaire Hanger	.....	..	12	18	....	....	..	....
436	5.00	Sollaire Hanger	.....	..	12	28	....	....	..	....
437	4.50	Sollaire Hanger	.....	..	12	25	....	....	..	....
438	7.10	Sollaire Hanger	.....	..	12	40	....	....	..	....
444	4.70	Sollaire Hanger	.....	..	12	27	24	....	7	.14
445	5.00	Sollaire Hanger	.....	..	12	28	24	....	7	.14
446	5.80	Sollaire Hanger	.....	..	12	33	24 5/8	....	7	.14
447	5.40	Sollaire Hanger	.....	..	12	29	24 5/8	....	7	.14
448	8.45	Sollaire Hanger	12	45	25 3/4	7	.14
454	5.90	Sollaire Hanger	12	27	24	.10
784455	6.20	Sollaire Hanger	12	28	24	.10

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
784456	\$ 7.20	Sollaire Hanger	.....	..	12	33	24	\$.10	..	....
457	6.60	Sollaire Hanger	.....	..	12	29	24	.10	..	....
458	9.70	Sollaire Hanger	.....	..	12	45	24	.10	..	....
667	.65	Louverlux Extension	61-260	15	25	10	....	....	..	....
668	.80	Louverlux Extension	61-260	15	25	12	....	....	..	....
669	1.40	Louverlux Extension	61-260	15	25	15	....	....	..	....
797	2.50	Louverlux Cap	61-260	15	10	5	....	....	..	....
860	2.25	Lunaire Globe	.....	..	8	17	....	....	..	....
861	3.42	Lunaire Globe	.....	..	1	4	....	....	..	....
862	4.50	Lunaire Globe	.....	..	1	6	....	....	..	....
863	6.90	Lunaire Globe	.....	..	1	8	....	....	..	....
864	6.90	Lunaire Globe	.....	..	1	8	....	....	..	....
865	8.70	Lunaire Globe	.....	..	1	11	....	....	..	....
866	12.36	Lunaire Globe	.....	..	1	13	....	....	..	....
867	25.50	Lunaire Globe	.....	..	1	15	....	....	..	....
868	4.95	Lunaire Globe	.....	..	8	17	....	....	..	....
869	5.67	Lunaire Globe	.....	..	1	4	....	....	..	....
870	7.50	Lunaire Globe	.....	..	1	6	....	....	..	....
871	10.65	Lunaire Globe	.....	..	1	8	....	....	..	....
872	10.65	Lunaire Globe	.....	..	1	8	....	....	..	....
873	13.20	Lunaire Globe	.....	..	1	11	....	....	..	....
874	18.36	Lunaire Globe	.....	..	1	13	....	....	..	....
875	34.50	Lunaire Globe	.....	..	1	15	....	....	..	....
891	12.40	Lunalux Globe	.....	..	1	4	....	....	..	....
892	13.85	Lunalux Globe	.....	..	1	6	....	....	..	....
893	19.25	Lunalux Globe	.....	..	1	8	....	....	..	....
894	24.00	Lunalux Globe	.....	..	1	10	....	....	..	....
895	35.40	Lunalux Globe	.....	..	1	13	....	....	..	....
901	9.70	Lunalux Globe	.....	..	1	4	....	....	..	....
902	10.60	Lunalux Globe	.....	..	1	6	....	....	..	....
903	17.80	Lunalux Globe	.....	..	1	8	....	....	..	....
904	19.25	Lunalux Globe	.....	..	1	10	....	....	..	....
905	28.00	Lunalux Globe	.....	..	1	13	....	....	..	....
928	5.20	Louverlux Hanger	.....	..	12	32	....	....	..	....
929	6.75	Louverlux Hanger	.....	..	12	35	....	....	..	....
930	28.40	Louverlux Louvers	.....	..	1	10	....	....	..	....
931	30.50	Louverlux Louvers	.....	..	1	12	....	....	..	....
932	32.40	Louverlux Louvers	.....	..	1	15	....	....	..	....
785031	8.50	Louverlux Hanger	.....	..	12	45	31	....	†	\$ .13
032	10.25	Louverlux Hanger	.....	..	12	49	31	....	†	.13
033	10.70	Louverlux Hanger	.....	..	12	47	31	.15	..	....
034	12.45	Louverlux Hanger	.....	..	12	51	31	.15	..	....
180	5.75	Hanger	61-250	6	24	35	....	....	..	....
182	8.10	Magnalux Hanger	61-250	6	6	15	20 1/4	.15	..	....
340	5.50	Lunalux Jr. Hanger	.....	..	12	25	24	.20	..	....
341	6.60	Lunalux Jr. Hanger	.....	..	12	28	24	.20	..	....
440	4.25	Lunalux Jr. Hanger	.....	..	12	25	24	.15	..	....
441	5.30	Lunalux Jr. Hanger	.....	..	12	28	24	.15	..	....
448	19.40	{ Magnalux Basin	61-250	6	2	19	....	....	..	....
		{ Magnalux Basin	61-255	7	2	19	....	....	..	....
449	41.50	{ Magnalux Basin	61-250	6	1	16	....	....	..	....
		{ Magnalux Basin	61-255	7	1	16	....	....	..	....
491	8.25	Lunalux Globe	.....	..	1	4	....	....	..	....
492	12.00	Lunalux Globe	1	5
493	15.10	Lunalux Globe	1	7
785494	19.80	Lunalux Globe	1	9

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

†Refer to catalog section 61-260 page 15 for dimension of chain links.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
785495	\$28.20	Lunalux Globe	.....	..	1	12	.....	.....	..	.....
501	4.15	Lunalux Globe	.....	..	1	4	.....	.....	..	.....
502	6.55	Lunalux Globe	.....	..	1	5	.....	.....	..	.....
503	8.50	Lunalux Globe	.....	..	1	7	.....	.....	..	.....
504	11.70	Lunalux Globe	.....	..	1	9	.....	.....	..	.....
505	17.20	Lunalux Globe	.....	..	1	12	.....	.....	..	.....
551	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
562	5.20	Magnalux Hanger	61-255	6	24	35	.....	.....	..	.....
563	5.20	Magnalux Hanger	61-255	6	24	35	.....	.....	..	.....
770	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
771	24.00	Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
772	38.50	Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
773	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
774	24.00	Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
775	38.50	Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
776	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
777	24.00	Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
778	38.50	Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
779	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
780	24.00	Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
781	38.50	Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
782	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
783	24.00	Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
784	38.50	Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
785	38.50	Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
810	14.00	Magnalux Hanger	61-250	6	1	6	45 1/4	\$.15	..	.....
813	65.50	Magnalux Basin	61-250	6	1	33	.....	.....	..	.....
817	.55	Magnalux Chain	61-250	7	3	1/2	.....	.....	..	.....
940	1.84	Sollaire Hanger	.....	..	12	18	.....	.....	..	.....
941	1.88	Sollaire Hanger	.....	..	12	20	.....	.....	..	.....
942	2.33	Sollaire Hanger	.....	..	12	26	.....	.....	..	.....
943	2.13	Sollite Hanger	.....	..	12	22	24	.....	7	\$.10
944	2.17	Sollite Hanger	.....	..	12	26	24	.....	7	.10
945	2.86	Sollite Hanger	.....	..	12	30	24	.....	7	.10
946	3.06	Sollite Hanger	.....	..	12	24	24	.10	..	.....
947	3.10	Sollite Hanger	.....	..	12	28	24	.10	..	.....
948	3.86	Sollite Hanger	.....	..	12	32	24	.10	..	.....
949	1.96	Sollite Hanger	.....	..	12	18	.....	.....	..	.....
950	2.00	Sollite Hanger	.....	..	12	20	.....	.....	..	.....
951	2.45	Sollite Hanger	.....	..	12	26	.....	.....	..	.....
952	2.53	Sollite Hanger	.....	..	12	25	24	.....	7	.10
953	2.57	Sollite Hanger	.....	..	12	28	24	.....	7	.10
954	3.26	Sollite Hanger	.....	..	12	32	24	.....	7	.10
955	3.46	Sollite Hanger	.....	..	12	27	24	.10	..	.....
956	3.50	Sollite Hanger	.....	..	12	29	24	.10	..	.....
957	4.26	Sollite Hanger	.....	..	12	33	24	.10	..	.....
976	1.46	Sollite Hanger	.....	..	12	18	.....	.....	..	.....
977	1.50	Sollite Hanger	.....	..	12	20	.....	.....	..	.....
978	1.95	Sollite Hanger	.....	..	12	26	.....	.....	..	.....
786063	2.00	Louverlux Cap	61-260	15	10	5	.....	.....	..	.....
573	1.34	Sollite Hanger	.....	..	12	18	.....	.....	..	.....
574	1.38	Sollite Hanger	.....	..	12	20	.....	.....	..	.....
575	1.83	Sollite Hanger	.....	..	12	26	.....	.....	..	.....
576	1.63	Sollite Hanger	12	22
577	1.67	Sollite Hanger	12	26
786578	2.36	Sollite Hanger	12	30

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

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WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
786579	\$ 2.56	Sollite Hanger	.....	..	12	24	.....	.....	..	.....
580	2.60	Sollite Hanger	.....	..	12	28	.....	.....	..	.....
581	3.36	Sollite Hanger	.....	..	12	32	.....	.....	..	.....
582	2.03	Sollite Hanger	.....	..	12	25	.....	.....	..	.....
583	2.07	Sollite Hanger	.....	..	12	28	.....	.....	..	.....
584	2.76	Sollite Hanger	.....	..	12	32	.....	.....	..	.....
585	2.96	Sollite Hanger	.....	..	12	27	.....	.....	..	.....
586	3.00	Sollite Hanger	.....	..	12	29	.....	.....	..	.....
587	3.76	Sollite Hanger	.....	..	12	33	.....	.....	..	.....
814	3.40	Magnalux Hanger	61-255	8	1	2	.....	.....	..	.....
815	3.60	Magnalux Hanger	61-255	8	1	2	.....	.....	..	.....
816	8.10	Magnalux Hanger	61-250	6	6	15	20 1/4	\$.15	..	.....
819	2.50	Magnalux Globe	61-255	8	6	17	.....	.....	..	.....
820	4.10	Magnalux Globe	61-255	8	4	18	.....	.....	..	.....
821	5.60	Magnalux Globe	61-255	8	1	7	.....	.....	..	.....
822	4.35	Magnalaire Globe	.....	..	6	17	.....	.....	..	.....
823	6.10	Magnalaire Globe	.....	..	4	18	.....	.....	..	.....
824	7.75	Magnalaire Globe	.....	..	1	7	.....	.....	..	.....
829	16.40	{ Magnalux Basin	61-250	6	2	19	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
830	38.50	{ Magnalux Basin	61-250	6	1	16	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
832	24.00	Magnalux Bowl	61-250	6	1	14	.....	.....	..	.....
833	27.00	Magnalux Bowl	61-250	6	1	14	.....	.....	..	.....
787327	.20	{ Magnalux Chain	61-250	7	3	1/2	.....	.....	..	.....
		{ Magnalux Chain	61-255	6	3	1/2	.....	.....	..	.....
485	.30	{ Magnalux Chain	61-250	7	3	1/2	.....	.....	..	.....
		{ Magnalux Chain	61-255	6	3	1/2	.....	.....	..	.....
		{ Magnalite Chain	61-280	2	3	1/2	.....	.....	..	.....
539	24.75	{ Magnalux Basin	61-250	6	1	16	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
540	24.75	{ Magnalux Basin	61-250	6	1	16	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	1	16	.....	.....	..	.....
542	9.00	{ Magnalux Basin	61-250	6	2	19	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
544	15.50	Magnalux Bowl	61-250	6	1	14	.....	.....	..	.....
603	9.00	{ Magnalux Basin	61-250	6	2	19	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
697	5.75	Magnalux Hanger	61-250	6	24	35	.....	.....	..	.....
855	7.65	Magnalaire Globe	.....	..	1	9	.....	.....	..	.....
856	14.80	Magnalaire Globe	.....	..	1	9	.....	.....	..	.....
883	10.50	Magnalux Hanger	61-255	6	6	17	.....	.....	..	.....
885	10.50	Magnalux Hanger	61-255	6	6	17	.....	.....	..	.....
986	9.00	Magnalite Bowl	.....	..	1	10	.....	.....	..	.....
788009	On Request	Three Light Socket	61-280	2	50	36	.....	.....	..	.....
230	9.00	Magnalux Hanger	61-250	6	3	10	25 3/4	.15	..	.....
245	15.00	{ Magnalux Basin	61-250	6	1	15	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
246	44.00	Magnalux Basin	61-250	6	1	30	.....	.....	..	.....
247	24.00	Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
255	On Request	Three Light Socket	61-280	2	50	36	.....	.....	..	.....
283	6.25	Magnalux Hanger	61-250	6	24	49	.....	.....	..	.....
359	On Request	Three Light Socket	61-280	2	50	36	.....	.....	..	.....
517	15.00	{ Magnalux Basin	61-250	6	1	15	.....	.....	..	.....
		{ Magnalux Basin	61-255	7	1	15
788518	24.00	{ Magnalux Basin	61-250	6	1	15
		{ Magnalux Basin	61-255	7	1	15

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**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Ship. Wt., Lbs.	Hanger Standard Length	Additional Length List Per Inch *	Chain Links Per Foot	List Per Link **
788599	\$ 27.00	{ Magnalux Basin	61-250	6	1	15	.....	.....	..	.....
845	11.50	{ Magnalux Basin	61-255	7	1	15	.....	.....	..	.....
847	16.40	Magnalux Hanger	61-255	6	3	12	.....	.....	..	.....
		Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
848	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
849	16.40	Magnalux Basin	61-255	7	2	19	.....	.....	..	.....
901	.75	Sollux Cap	61-260	13	1	1	.....	.....	..	.....
902	.95	Sollux Cap	61-260	13	1	1	.....	.....	..	.....
903	1.15	Sollux Cap	61-260	13	1	1	.....	.....	..	.....
904	.85	Lunalux Cap	61-260	13	1	1	.....	.....	..	.....
905	1.05	Lunalux Cap	61-260	13	1	1	.....	.....	..	.....
906	1.25	Lunalux Cap	61-260	13	1	1	.....	.....	..	.....
789089	14.25	Stairwell Unit	61-270	21	1	6	.....	.....	..	.....
354	2.25	Sollite Hanger	.....	..	12	22	24	.....	7	\$.10
355	2.29	Sollite Hanger	.....	..	12	26	24	.....	7	.10
356	2.98	Sollite Hanger	.....	..	12	30	24	.....	7	.10
357	3.18	Sollite Hanger	.....	..	12	24	24	\$.10	..	.....
358	3.22	Sollite Hanger	.....	..	12	28	24	.10	..	.....
359	3.98	Sollite Hanger	.....	..	12	32	24	.10	..	.....
360	1.75	Sollite Hanger	.....	..	12	22	.....	.....	..	.....
361	1.79	Sollite Hanger	.....	..	12	26	.....	.....	..	.....
362	2.48	Sollite Hanger	.....	..	12	30	.....	.....	..	.....
363	2.68	Sollite Hanger	.....	..	12	24	.....	.....	..	.....
364	2.72	Sollite Hanger	.....	..	12	28	.....	.....	..	.....
365	3.48	Sollite Hanger	.....	..	12	32	.....	.....	..	.....
367	5.35	Lunaire Jr. Hanger	.....	..	12	25	24	.20	..	.....
368	5.50	Lunaire Jr. Hanger	.....	..	12	26	24	.20	..	.....
369	5.70	Lunaire Jr. Hanger	.....	..	12	27	24	.20	..	.....
370	6.30	Lunaire Jr. Hanger	.....	..	12	31	24	.20	..	.....
371	8.00	Lunaire Jr. Hanger	.....	..	12	43	24	.20	..	.....
372	4.30	Lunaire Jr. Hanger	.....	..	12	25	24	.15	..	.....
373	4.40	Lunaire Jr. Hanger	.....	..	12	26	24	.15	..	.....
374	4.60	Lunaire Jr. Hanger	.....	..	12	27	24	.15	..	.....
375	5.05	Lunaire Jr. Hanger	.....	..	12	31	24	.15	..	.....
376	6.40	Lunaire Jr. Hanger	.....	..	12	43	24	.15	..	.....
377	7.95	Magnalaire Hanger	.....	..	12	27	24	.20	..	.....
378	8.10	Magnalaire Hanger	.....	..	12	28	24	.20	..	.....
379	9.00	Magnalaire Hanger	.....	..	12	33	24	.20	..	.....
842000	P.L.60-520	Photolux	61-270	21	..	..	.....	.....	..	.....
001	P.L.60-520	Photolux	61-270	21	..	..	.....	.....	..	.....
003	P.L.60-520	Photolux	61-270	21	..	..	.....	.....	..	.....
004	P.L.60-520	Photolux	61-270	21	..	..	.....	.....	..	.....
006	P.L.60-520	Photolux	61-270	21	..	..	.....	.....	..	.....
842007	P.L.60-520	Photolux	61-270	21	..	..	.....	.....	..	.....

*Special Length Semi-Rigid Suspension Hangers. Hangers shorter than standard will be furnished on special order at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per inch, including wire as indicated.

**Special Length Chain Suspension Hangers. Hangers shorter than standard will be furnished on special order and will be priced at the list price of the standard length hanger. Hangers longer than standard will be furnished at the additional list per link, including wire as indicated.

WESTINGHOUSE COMMERCIAL LIGHTING EQUIPMENT

Sollaire and Lunaire globes can be furnished drilled with a $\frac{3}{8}$ -inch hole in the bottom on special order. The style numbers and prices given below include a light weight tassel.

For Lamp Size Watts	GLOBE Size	Depth*	Style No.	List Price	STANDARD Quan.	PKG. Ship. Wt.
Sollaire Globes						
50- 60	8x4	9 $\frac{5}{8}$	349051	\$ 3.85	8	16
50- 60	9x4	10 $\frac{1}{4}$	340336	4.35	8	16
75- 100	10x4	11 $\frac{1}{8}$	349052	5.70	1	4
150	12x4	12 $\frac{1}{2}$	349053	7.85	1	5
150	12x6	12 $\frac{1}{2}$	340337	7.85	1	5
150- 200	14x5	14	349054	9.50	1	7
150- 200	14x6	14	349532	9.50	1	7
300	16x6	15 $\frac{3}{8}$	349055	12.20	1	9
300- 500	18x6	16	349056	17.10	1	12
750-1000	20x8	17 $\frac{1}{2}$	349694	28.00	1	14
Lunaire Globes						
50- 60	8x4	9 $\frac{5}{8}$	784876	6.65	8	17
75- 100	10x4	10 $\frac{3}{4}$	784877	7.35	1	4
150	12x4	12 $\frac{1}{8}$	784878	9.40	1	6
150- 200	14x5	13 $\frac{5}{8}$	784879	12.55	1	8
150- 200	14x6	13 $\frac{5}{8}$	784880	12.55	1	8
300	16x6	15	784881	15.30	1	11
300- 500	18x6	15 $\frac{5}{8}$	784882	20.75	1	13
750-1000	20x8	17 $\frac{1}{8}$	784883	37.90	1	15

*Includes Tassel.

INDUSTRIAL LIGHTING EQUIPMENT

FOR CATALOG 61-100

Part I—Complete Units (Socket with Reflector etc., without Lamps)

(For Assembly Details and Accessories see Part II)

Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
337850	\$ 9.70	Elliptical Angle Unit	61-163	1	336391	349462	.....
851	9.70	Elliptical Angle Unit	61-163	1	336393	349462	.....
853	10.00	Vapor-Proof Unit	61-158	3	349963	342553	336425
341076	4.90	Weather-Proof Unit	61-175	2	337763	.....	335638
077	5.25	Weather-Proof Unit	61-175	2	337763	.....	335884
078	4.00	Weather-Proof Unit	61-175	2	337763	.....	336044
079	6.00	Weather-Proof Unit	61-175	2	337766	.....	335640
080	6.25	Weather-Proof Unit	61-175	2	337765	.....	335640
081	6.10	Weather-Proof Unit	61-175	2	337766	.....	335885
082	6.35	Weather-Proof Unit	61-175	2	337765	.....	335885
084	4.45	Vapor-Proof Unit	61-158	2	339163	.....	349959
091	4.90	Vapor-Proof Unit	61-158	2	339163	.....	336424
092	6.30	Vapor-Proof Unit	61-158	2	339162	.....	336425
093	6.70	Vapor-Proof Unit	61-158	2	339163	342538	349959
094	7.45	Vapor-Proof Unit	61-158	2	339163	342539	349959
110	8.95	Vapor-Proof Unit	61-158	2	339163	342540	336424
111	11.45	Vapor-Proof Unit	61-158	2	339162	342541	336425
112	7.10	Vapor-Proof Unit	61-158	2	339163	342543	349959
113	7.70	Vapor-Proof Unit	61-158	2	339163	342544	336424
114	9.75	Vapor-Proof Unit	61-158	2	339162	342545	336425
115	6.70	Vapor-Proof Unit	61-158	2	339163	342546	349959
116	7.45	Vapor-Proof Unit	61-158	2	339163	342547	349959
117	8.95	Vapor-Proof Unit	61-158	2	339163	342548	336424
119	11.45	Vapor-Proof Unit	61-158	2	339162	342549	336425
120	7.95	Vapor-Proof Unit	61-158	2	339163	342550	336424
121	10.70	Vapor-Proof Unit	61-158	2	339162	342553	336425
237	3.20	RLM Dome Unit	61-150	3	340498	339203	.....
238	3.30	RLM Dome Unit	61-150	3	340498	339206	.....
239	3.50	RLM Dome Unit	61-150	3	340498	340083	.....
240	4.10	RLM Dome Unit	61-150	3	340498	340403	.....
241	5.30	RLM Dome Unit	61-150	3	340490	340486	.....
242	7.20	RLM Dome Unit	61-150	3	340490	340487	.....
243	3.20	RLM Dome Unit	61-150	4	340779	339203	.....
244	3.30	RLM Dome Unit	61-150	4	340779	339206	.....
245	3.50	RLM Dome Unit	61-150	4	340779	340083	.....
246	4.10	RLM Dome Unit	61-150	4	340779	340403	.....
247	5.30	RLM Dome Unit	61-150	4	340775	340486	.....
248	7.20	RLM Dome Unit	61-150	4	340775	340487	.....
382	3.40	RLM Dome Unit	61-150	3	340489	339203	.....
383	3.50	RLM Dome Unit	61-150	3	340489	339206	.....
384	3.70	RLM Dome Unit	61-150	3	340489	340083	.....
385	4.30	RLM Dome Unit	61-150	3	340489	340403	.....
386	5.50	RLM Dome Unit	61-150	3	340488	340486	.....
387	7.40	RLM Dome Unit	61-150	3	340488	340487	.....
402	3.45	Symmetrical Angle Unit	61-150	4	340779	339196	.....
403	4.95	Symmetrical Angle Unit	61-150	4	340775	339198	.....
410	3.45	Symmetrical Angle Unit	61-150	3	340498	339196	.....
341411	4.95	Symmetrical Angle Unit	61-150	3	340490	339198	.....

Prices are subject to change without notice

Westinghouse Electric & Manufacturing Company
Edgewater Park, Cleveland, Ohio

EVERY HOUSE NEEDS WESTINGHOUSE

INDUSTRIAL LIGHTING EQUIPMENT

Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
341412	\$ 7.60	Symmetrical Angle Unit	61-150	3	340490	339201	.....
420	7.60	Symmetrical Angle Unit	61-150	4	340775	339201	.....
421	3.60	RLM Dome Unit	61-150	4	340771	339203	.....
422	3.70	RLM Dome Unit	61-150	4	340771	339206	.....
423	3.90	RLM Dome Unit	61-150	4	340771	340083	.....
424	4.50	RLM Dome Unit	61-150	4	340771	340403	.....
425	5.70	RLM Dome Unit	61-150	4	340499	340486	.....
426	7.60	RLM Dome Unit	61-150	4	340499	340487	.....
432	3.65	Symmetrical Angle Unit	61-150	3	340489	339196	.....
433	5.15	Symmetrical Angle Unit	61-150	3	340488	339198	.....
434	7.80	Symmetrical Angle Unit	61-150	3	340488	339201	.....
435	3.10	Deep Bowl Unit	61-150	3	340498	339165	.....
436	3.50	Deep Bowl Unit	61-150	3	340498	339166	.....
437	3.50	Deep Bowl Unit	61-150	3	340498	339167	.....
472	3.10	Deep Bowl Unit	61-150	4	340779	339165	.....
473	3.50	Deep Bowl Unit	61-150	4	340779	339166	.....
474	3.50	Deep Bowl Unit	61-150	4	340779	339167	.....
475	5.20	Deep Bowl Unit	61-150	4	340775	339168	.....
476	6.40	Deep Bowl Unit	61-150	4	340775	339169	.....
489	5.20	Deep Bowl Unit	61-150	3	340490	339168	.....
490	6.40	Deep Bowl Unit	61-150	3	340490	339169	.....
502	3.30	Deep Bowl Unit	61-150	3	340489	339165	.....
503	3.70	Deep Bowl Unit	61-150	3	340489	339166	.....
504	3.70	Deep Bowl Unit	61-150	3	340489	339167	.....
505	5.40	Deep Bowl Unit	61-150	3	340488	339168	.....
506	6.60	Deep Bowl Unit	61-150	3	340488	339169	.....
511	3.50	Deep Bowl Unit	61-150	4	340771	339165	.....
512	3.90	Deep Bowl Unit	61-150	4	340771	339166	.....
513	3.90	Deep Bowl Unit	61-150	4	340771	339167	.....
514	5.60	Deep Bowl Unit	61-150	4	340499	339168	.....
515	6.80	Deep Bowl Unit	61-150	4	340499	339169	.....
521	3.85	Symmetrical Angle Unit	61-150	4	340771	339196	.....
522	5.35	Symmetrical Angle Unit	61-150	4	340499	339198	.....
523	8.00	Symmetrical Angle Unit	61-150	4	340499	339201	.....
525	3.20	Shallow Dome Unit	61-150	3	340498	338908	.....
526	3.30	Shallow Dome Unit	61-150	3	340498	338929	.....
562	5.30	Shallow Dome Unit	61-150	3	340490	338948	.....
606	3.20	Shallow Dome Unit	61-150	4	340779	338908	.....
607	3.30	Shallow Dome Unit	61-150	4	340779	338929	.....
609	5.30	Shallow Dome Unit	61-150	4	340775	338948	.....
611	3.40	Shallow Dome Unit	61-150	3	340489	338908	.....
613	3.50	Shallow Dome Unit	61-150	3	340489	338929	.....
615	5.50	Shallow Dome Unit	61-150	3	340488	338948	.....
617	3.60	Shallow Dome Unit	61-150	4	340771	338908	.....
618	3.70	Shallow Dome Unit	61-150	4	340771	338929	.....
646	5.70	Shallow Dome Unit	61-150	4	340499	338948	.....
653	25.30	Low Mounting Unit	61-165	2	349967	341122	.....
654	25.70	Low Mounting Unit	61-165	2	349968	341199	.....
655	26.70	Medium Mounting Unit	61-165	2	349968	341219	.....
663	26.70	Medium Mounting Unit	61-165	2	349968	341223	.....
664	27.70	High Mounting Unit	61-165	2	349968	341224	.....
665	27.70	High Mounting Unit	61-165	2	349968	341335	.....
688	24.95	Low Mounting Unit	61-165	2	349334	341122	.....
689	25.35	Low Mounting Unit	61-165	2	349336	341199	.....
690	26.35	Medium Mounting Unit	61-165	2	349336	341219	.....
691	26.35	Medium Mounting Unit	61-165	2	349336	341223	.....
692	27.35	High Mounting Unit	61-165	2	349336	341224	.....
693	27.35	High Mounting Unit	61-165	2	349336	341335	.....
694	24.95	Low Mounting Unit	61-165	2	349350	341122	.....
341695	25.35	Low Mounting Unit	61-165	2	343492	341199	.....

INDUSTRIAL LIGHTING EQUIPMENT

Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
341696	\$ 26.35	Medium Mounting Unit	61-165	2	343492	341219	.....
697	26.35	Medium Mounting Unit	61-165	2	343492	341223	.....
717	27.35	High Mounting Unit	61-165	2	343492	341224	.....
718	27.35	High Mounting Unit	61-165	2	343492	341335	.....
343018	9.00	Glassteel Diffuser	61-160	1	349729	349801	349895
019	12.50	Glassteel Diffuser	61-160	1	349730	349802	349898
020	9.00	Glassteel Diffuser	61-160	1	349731	349801	349895
021	12.50	Glassteel Diffuser	61-160	1	349732	349802	349898
022	9.00	Glassteel Diffuser	61-160	2	349339	349132	349895
023	12.50	Glassteel Diffuser	61-160	2	349341	349133	349898
024	9.00	Glassteel Diffuser	61-160	2	349351	349132	349895
025	12.50	Glassteel Diffuser	61-160	2	349379	349133	349898
061	18.50	Glassteel Diffuser	61-160	1	349730	350496	340927
062	18.50	Glassteel Diffuser	61-160	1	349732	350496	340927
063	18.50	Glassteel Diffuser	61-160	2	349341	350600	340927
064	18.50	Glassteel Diffuser	61-160	2	349379	350600	340927
102	5.30	Shallow Dome Unit	61-143	3	336391	W303500	.....
104	5.30	Shallow Dome Unit	61-143	2	336393	W303500	.....
106	6.40	Shallow Dome Unit	61-148	3	349968	349824	.....
108	6.05	Shallow Dome Unit	61-148	3	349336	349824	.....
110	6.05	Shallow Dome Unit	61-148	4	343492	349824	.....
111	10.75	Vapor-Proof Unit	61-158	3	349963	342549	336425
424	7.25	Vapor-Proof Unit	61-158	3	349960	342550	336424
501	3.05	Symmetrical Angle Unit	61-145	3	336215	W324060	.....
502	3.55	Symmetrical Angle Unit	61-145	3	336215	W324200	.....
503	5.75	Symmetrical Angle Unit	61-145	3	336219	W334500	.....
504	7.75	Symmetrical Angle Unit	61-145	3	336219	W334000	.....
506	3.05	Symmetrical Angle Unit	61-145	2	336319	W324060	.....
507	3.55	Symmetrical Angle Unit	61-145	2	336319	W324200	.....
508	5.75	Symmetrical Angle Unit	61-145	2	336320	W334500	.....
509	7.75	Symmetrical Angle Unit	61-145	2	336320	W334000	.....
510	4.65	Symmetrical Angle Unit	61-148	3	349967	349817	.....
511	6.05	Symmetrical Angle Unit	61-148	3	349968	349818	.....
512	8.70	Symmetrical Angle Unit	61-148	3	349968	349819	.....
513	4.30	Symmetrical Angle Unit	61-148	3	349334	349817	.....
514	5.70	Symmetrical Angle Unit	61-148	3	349336	349818	.....
515	8.35	Symmetrical Angle Unit	61-148	3	349336	349819	.....
516	4.30	Symmetrical Angle Unit	61-148	4	349350	349817	.....
517	5.70	Symmetrical Angle Unit	61-148	4	343492	349818	.....
518	8.35	Symmetrical Angle Unit	61-148	4	343492	349819	.....
522	3.20	Shallow Dome Unit	61-143	3	336387	W303060	.....
523	3.30	Shallow Dome Unit	61-143	3	336387	W303075	.....
525	3.20	Shallow Dome Unit	61-143	2	336389	W303060	.....
526	3.30	Shallow Dome Unit	61-143	2	336389	W303075	.....
528	2.85	Shallow Dome Unit	61-145	3	336215	W323040	.....
529	3.05	Shallow Dome Unit	61-145	3	336215	W323060	.....
530	3.30	Shallow Dome Unit	61-145	3	336215	W323075	.....
532	2.85	Shallow Dome Unit	61-145	2	336319	W323040	.....
533	3.05	Shallow Dome Unit	61-145	2	336319	W323060	.....
534	3.30	Shallow Dome Unit	61-145	2	336319	W323075	.....
538	4.70	Shallow Dome Unit	61-148	3	349967	349822	.....
542	4.35	Shallow Dome Unit	61-148	3	349334	349822	.....
546	4.35	Shallow Dome Unit	61-148	4	349350	349822	.....
560	3.50	Elliptical Angle Unit	61-163	1	336387	349807	.....
561	4.20	Elliptical Angle Unit	61-163	1	336387	349808	.....
562	4.80	Elliptical Angle Unit	61-163	1	336387	349809	.....
563	8.70	Elliptical Angle Unit	61-163	1	336391	349810	.....
564	3.50	Elliptical Angle Unit	61-163	1	336389	349807	.....
565	4.20	Elliptical Angle Unit	61-163	1	336389	349808	.....
343566	4.80	Elliptical Angle Unit	61-163	1	336389	349809	.....

INDUSTRIAL LIGHTING EQUIPMENT

Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.	Gooseneck Style No.
343567	\$ 8.70	Elliptical Angle Unit	61-163	1	336393	349810	.....	.....
568	4.15	Farm Lighting Fixture	61-175	2	336387	W303060	.....	342319
569	4.25	Farm Lighting Fixture	61-175	2	336387	W303075	.....	342319
570	5.05	Farm Lighting Fixture	61-175	2	336387	W303150	.....	342319
571	3.75	Vapor-Proof Unit	61-158	3	349960	.....	349959	.....
572	4.20	Vapor-Proof Unit	61-158	3	349960	.....	336424	.....
573	5.60	Vapor-Proof Unit	61-158	3	349963	.....	336425	.....
574	6.00	Vapor-Proof Unit	61-158	3	349960	342538	349959	.....
575	6.75	Vapor-Proof Unit	61-158	3	349960	342539	349959	.....
576	8.25	Vapor-Proof Unit	61-158	3	349960	342540	336424	.....
577	10.75	Vapor-Proof Unit	61-158	3	349963	342541	336425	.....
578	6.40	Vapor-Proof Unit	61-158	3	349960	342543	349959	.....
579	7.00	Vapor-Proof Unit	61-158	3	349960	342544	336424	.....
580	9.05	Vapor-Proof Unit	61-158	3	349963	342545	336425	.....
581	6.00	Vapor-Proof Unit	61-158	3	349960	342546	349959	.....
582	6.75	Vapor-Proof Unit	61-158	3	349960	342547	349959	.....
583	8.25	Vapor-Proof Unit	61-158	3	349960	342548	336424	.....
598	24.70	High Mounting Unit	61-165	2	349968	349922	.....	.....
599	24.70	High Mounting Unit	61-165	2	349968	349923	.....	.....
600	24.35	High Mounting Unit	61-165	2	349336	349922	.....	.....
601	24.35	High Mounting Unit	61-165	2	349336	349923	.....	.....
602	24.35	High Mounting Unit	61-165	2	343492	349922	.....	.....
603	24.35	High Mounting Unit	61-165	2	343492	349923	.....	.....
700	3.20	RLM Dome Unit	61-143	3	336387	W306050	.....	.....
701	3.30	RLM Dome Unit	61-143	3	336387	W306075	.....	.....
702	3.50	RLM Dome Unit	61-143	3	336387	W306150	.....	.....
703	4.10	RLM Dome Unit	61-143	3	336387	W306200	.....	.....
704	5.30	RLM Dome Unit	61-143	3	336391	W306500	.....	.....
705	7.20	RLM Dome Unit	61-143	3	336391	W306000	.....	.....
706	3.20	RLM Dome Unit	61-143	2	336389	W306050	.....	.....
707	3.30	RLM Dome Unit	61-143	2	336389	W306075	.....	.....
708	3.50	RLM Dome Unit	61-143	2	336389	W306150	.....	.....
709	4.10	RLM Dome Unit	61-143	2	336389	W306200	.....	.....
710	5.30	RLM Dome Unit	61-143	2	336393	W306500	.....	.....
711	7.20	RLM Dome Unit	61-143	2	336393	W306000	.....	.....
712	3.40	RLM Dome Unit	61-145	3	336215	W326050	.....	.....
713	3.50	RLM Dome Unit	61-145	3	336215	W326075	.....	.....
714	3.80	RLM Dome Unit	61-145	3	336215	W326150	.....	.....
715	4.20	RLM Dome Unit	61-145	3	336215	W326200	.....	.....
716	5.85	RLM Dome Unit	61-145	3	336219	W336500	.....	.....
717	7.55	RLM Dome Unit	61-145	3	336219	W336000	.....	.....
718	3.40	RLM Dome Unit	61-145	2	336319	W326050	.....	.....
719	3.50	RLM Dome Unit	61-145	2	336319	W326075	.....	.....
720	3.80	RLM Dome Unit	61-145	2	336319	W326150	.....	.....
721	4.20	RLM Dome Unit	61-145	2	336319	W326200	.....	.....
722	5.85	RLM Dome Unit	61-145	2	336320	W336500	.....	.....
723	7.55	RLM Dome Unit	61-145	2	336320	W336000	.....	.....
725	4.40	RLM Dome Unit	61-148	3	349967	345928	.....	.....
726	4.50	RLM Dome Unit	61-148	3	349967	345929	.....	.....
727	4.70	RLM Dome Unit	61-148	3	349967	345930	.....	.....
728	5.30	RLM Dome Unit	61-148	3	349967	345931	.....	.....
729	6.40	RLM Dome Unit	61-148	3	349968	345932	.....	.....
730	8.30	RLM Dome Unit	61-148	3	349968	345933	.....	.....
731	4.05	RLM Dome Unit	61-148	3	349334	345928	.....	.....
732	4.15	RLM Dome Unit	61-148	3	349334	345929	.....	.....
733	4.35	RLM Dome Unit	61-148	3	349334	345930	.....	.....
734	4.95	RLM Dome Unit	61-148	3	349334	345931	.....	.....
735	6.05	RLM Dome Unit	61-148	3	349336	345932	.....	.....
736	7.95	RLM Dome Unit	61-148	3	349336	345933	.....	.....
343737	4.05	RLM Dome Unit	61-148	4	349350	345928

INDUSTRIAL LIGHTING EQUIPMENT

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Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
343738	\$ 4.15	RLM Dome Unit	61-148	4	349350	345929	.....
739	4.35	RLM Dome Unit	61-148	4	349350	345930	.....
740	4.95	RLM Dome Unit	61-148	4	349350	345931	.....
741	6.05	RLM Dome Unit	61-148	4	343492	345932	.....
742	7.95	RLM Dome Unit	61-148	4	343492	345933	.....
747	2.90	Deep Bowl Unit	61-143	3	336387	W307060	.....
748	3.10	Deep Bowl Unit	61-143	3	336387	W307075	.....
750	3.50	Deep Bowl Unit	61-143	3	336387	W307200	.....
751	5.20	Deep Bowl Unit	61-143	3	336391	W307500	.....
752	6.40	Deep Bowl Unit	61-143	3	336391	W307000	.....
753	2.90	Deep Bowl Unit	61-143	2	336389	W307060	.....
754	3.10	Deep Bowl Unit	61-143	2	336389	W307075	.....
756	3.50	Deep Bowl Unit	61-143	2	336389	W307200	.....
757	5.20	Deep Bowl Unit	61-143	2	336393	W307500	.....
758	6.40	Deep Bowl Unit	61-143	2	336393	W307000	.....
759	3.10	Deep Bowl Unit	61-145	3	336215	W327060	.....
760	3.20	Deep Bowl Unit	61-145	3	336215	W327075	.....
761	3.40	Deep Bowl Unit	61-145	3	336215	W327150	.....
762	3.80	Deep Bowl Unit	61-145	3	336215	W327200	.....
764	6.60	Deep Bowl Unit	61-145	3	336219	W337000	.....
765	3.10	Deep Bowl Unit	61-145	2	336319	W327060	.....
766	3.20	Deep Bowl Unit	61-145	2	336319	W327075	.....
767	3.40	Deep Bowl Unit	61-145	2	336319	W327150	.....
768	3.80	Deep Bowl Unit	61-145	2	336319	W327200	.....
770	6.60	Deep Bowl Unit	61-145	2	336320	W337000	.....
771	4.30	Deep Bowl Unit	61-148	3	349967	349812	.....
772	4.70	Deep Bowl Unit	61-148	3	349967	349813	.....
773	4.70	Deep Bowl Unit	61-148	3	349967	349814	.....
774	6.30	Deep Bowl Unit	61-148	3	349968	349815	.....
775	8.30	Deep Bowl Unit	61-148	3	349968	349816	.....
776	3.95	Deep Bowl Unit	61-148	3	349334	349812	.....
777	4.35	Deep Bowl Unit	61-148	3	349334	349813	.....
778	4.35	Deep Bowl Unit	61-148	3	349334	349814	.....
779	5.95	Deep Bowl Unit	61-148	3	349336	349815	.....
780	7.95	Deep Bowl Unit	61-148	3	349336	349816	.....
781	3.95	Deep Bowl Unit	61-148	4	349350	349812	.....
782	4.35	Deep Bowl Unit	61-148	4	349350	349813	.....
783	4.35	Deep Bowl Unit	61-148	4	349350	349814	.....
784	5.95	Deep Bowl Unit	61-148	4	343492	349815	.....
785	7.95	Deep Bowl Unit	61-148	4	343492	349816	.....
791	2.95	Symmetrical Angle Unit	61-143	3	336387	W304060	.....
792	3.45	Symmetrical Angle Unit	61-143	3	336387	W304200	.....
793	4.95	Symmetrical Angle Unit	61-143	3	336391	W304500	.....
794	7.60	Symmetrical Angle Unit	61-143	3	336391	W304000	.....
796	2.95	Symmetrical Angle Unit	61-143	2	336389	W304060	.....
797	3.45	Symmetrical Angle Unit	61-143	2	336389	W304200	.....
798	4.95	Symmetrical Angle Unit	61-143	2	336393	W304500	.....
799	7.60	Symmetrical Angle Unit	61-143	2	336393	W304000	.....
861	9.00	Glassteel Diffuser	61-160	1	349578	349801	349895
862	12.50	Glassteel Diffuser	61-160	1	349579	349802	349898
785744	3.70	Shallow Dome Unit	61-150	3	340489	788220	.....
745	4.30	Shallow Dome Unit	61-150	3	340489	787578	.....
746	3.70	Shallow Dome Unit	61-150	3	786564	788220	.....
747	4.30	Shallow Dome Unit	61-150	3	786564	787578	.....
748	3.90	Shallow Dome Unit	61-150	4	340771	788220	.....
749	4.50	Shallow Dome Unit	61-150	4	340771	787578	.....
750	3.50	Shallow Dome Unit	61-150	3	340498	788220	.....
751	4.10	Shallow Dome Unit	61-150	3	340498	787578	.....
752	3.50	Shallow Dome Unit	61-150	3	786912	788220
785753	4.10	Shallow Dome Unit	61-150	3	786912	787578

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Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
785754	\$ 3.50	Shallow Dome Unit	61-150	4	340779	788220	.....
755	4.10	Shallow Dome Unit	61-150	4	340779	787578	.....
760	3.80	Shallow Dome Unit	61-153	3	347919	788222	.....
761	4.40	Shallow Dome Unit	61-153	3	347919	788213	.....
762	3.80	Shallow Dome Unit	61-153	3	786547	788222	.....
763	4.40	Shallow Dome Unit	61-153	3	786547	788213	.....
764	3.80	Shallow Dome Unit	61-153	3	347920	788222	.....
765	4.40	Shallow Dome Unit	61-153	3	347920	788213	.....
786275	3.20	RLM Dome Unit	61-143	3	336388	W306050	.....
276	3.30	RLM Dome Unit	61-143	3	336388	W306075	.....
277	3.50	RLM Dome Unit	61-143	3	336388	W306150	.....
278	4.10	RLM Dome Unit	61-143	3	336388	W306200	.....
279	5.30	RLM Dome Unit	61-143	3	336392	W306500	.....
280	7.20	RLM Dome Unit	61-143	3	336392	W306000	.....
281	3.20	Shallow Dome Unit	61-143	3	336388	W303060	.....
282	3.30	Shallow Dome Unit	61-143	3	336388	W303075	.....
285	5.30	Shallow Dome Unit	61-143	3	336392	W303500	.....
286	2.90	Deep Bowl Unit	61-143	3	336388	W307060	.....
287	3.10	Deep Bowl Unit	61-143	3	336388	W307075	.....
289	3.50	Deep Bowl Unit	61-143	3	336388	W307200	.....
290	5.20	Deep Bowl Unit	61-143	3	336392	W307500	.....
291	6.40	Deep Bowl Unit	61-143	3	336392	W307000	.....
293	2.95	Symmetrical Angle Unit	61-143	3	336388	W304060	.....
294	3.45	Symmetrical Angle Unit	61-143	3	336388	W304200	.....
295	4.95	Symmetrical Angle Unit	61-143	3	336392	W304500	.....
296	7.60	Symmetrical Angle Unit	61-143	3	336392	W304000	.....
297	3.40	RLM Dome Unit	61-145	3	336398	W326050	.....
298	3.50	RLM Dome Unit	61-145	3	336398	W326075	.....
299	3.80	RLM Dome Unit	61-145	3	336398	W326150	.....
300	4.20	RLM Dome Unit	61-145	3	336398	W326200	.....
301	5.85	RLM Dome Unit	61-145	3	336402	W336500	.....
302	7.55	RLM Dome Unit	61-145	3	336402	W336000	.....
303	2.85	Shallow Dome Unit	61-145	3	336398	W323040	.....
304	3.05	Shallow Dome Unit	61-145	3	336398	W323060	.....
305	3.30	Shallow Dome Unit	61-145	3	336398	W323075	.....
307	3.10	Deep Bowl Unit	61-145	3	336398	W327060	.....
308	3.20	Deep Bowl Unit	61-145	3	336398	W327075	.....
309	3.40	Deep Bowl Unit	61-145	3	336398	W327150	.....
310	3.80	Deep Bowl Unit	61-145	3	336398	W327200	.....
312	6.60	Deep Bowl Unit	61-145	3	336402	W337000	.....
314	3.05	Symmetrical Angle Unit	61-145	3	336398	W324060	.....
315	3.55	Symmetrical Angle Unit	61-145	3	336398	W324200	.....
316	5.75	Symmetrical Angle Unit	61-145	3	336402	W334500	.....
317	7.75	Symmetrical Angle Unit	61-145	3	336402	W334000	.....
380	4.40	RLM Dome Unit	61-148	3	349745	345928	.....
381	4.50	RLM Dome Unit	61-148	3	349745	345929	.....
382	4.70	RLM Dome Unit	61-148	3	349745	345930	.....
383	5.30	RLM Dome Unit	61-148	3	349745	345931	.....
384	6.40	RLM Dome Unit	61-148	3	349746	345932	.....
385	8.30	RLM Dome Unit	61-148	3	349746	345933	.....
388	4.70	Shallow Dome Unit	61-148	3	349745	349822	.....
391	6.40	Shallow Dome Unit	61-148	3	349746	349824	.....
392	4.30	Deep Bowl Unit	61-148	3	349745	349812	.....
393	4.70	Deep Bowl Unit	61-148	3	349745	349813	.....
394	4.70	Deep Bowl Unit	61-148	3	349745	349814	.....
395	6.30	Deep Bowl Unit	61-148	3	349746	349815	.....
396	8.30	Deep Bowl Unit	61-148	3	349746	349816	.....
397	4.65	Symmetrical Angle Unit	61-148	3	349745	349817	.....
398	6.05	Symmetrical Angle Unit	61-148	3	349746	349818
786399	8.70	Symmetrical Angle Unit	61-148	3	349746	349819

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Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket Style No.	Reflector or Hood Style No.	Globe Style No.
786400	\$ 4.05	RLM Dome Unit	61-148	3	786378	345928	.....
401	4.15	RLM Dome Unit	61-148	3	786378	345929	.....
402	4.35	RLM Dome Unit	61-148	3	786378	345930	.....
403	4.95	RLM Dome Unit	61-148	3	786378	345931	.....
404	6.05	RLM Dome Unit	61-148	3	786379	345932	.....
405	7.95	RLM Dome Unit	61-148	3	786379	345933	.....
408	4.35	Shallow Dome Unit	61-148	3	786378	349822	.....
411	6.05	Shallow Dome Unit	61-148	3	786379	349824	.....
412	3.95	Deep Bowl Unit	61-148	3	786378	349812	.....
413	4.35	Deep Bowl Unit	61-148	3	786378	349813	.....
414	4.35	Deep Bowl Unit	61-148	3	786378	349814	.....
415	5.95	Deep Bowl Unit	61-148	3	786379	349815	.....
416	7.95	Deep Bowl Unit	61-148	3	786379	349816	.....
417	4.30	Symmetrical Angle Unit	61-148	3	786378	349817	.....
418	5.70	Symmetrical Angle Unit	61-148	3	786379	349818	.....
419	8.35	Symmetrical Angle Unit	61-148	3	786379	349819	.....
461	3.50	RLM Dome Unit	61-153	3	347919	347943	.....
462	3.60	RLM Dome Unit	61-153	3	347919	347944	.....
463	3.80	RLM Dome Unit	61-153	3	347919	347945	.....
464	4.40	RLM Dome Unit	61-153	3	347919	347946	.....
465	5.70	RLM Dome Unit	61-153	3	347919	347947	.....
466	7.60	RLM Dome Unit	61-153	3	347919	347948	.....
468	3.50	Shallow Dome Unit	61-153	3	347919	347958	.....
469	3.60	Shallow Dome Unit	61-153	3	347919	347959	.....
472	5.70	Shallow Dome Unit	61-153	3	347919	347961	.....
473	3.40	Deep Bowl Unit	61-153	3	347919	347952	.....
474	3.80	Deep Bowl Unit	61-153	3	347919	347953	.....
475	3.80	Deep Bowl Unit	61-153	3	347919	347954	.....
476	5.60	Deep Bowl Unit	61-153	3	347919	347955	.....
477	6.80	Deep Bowl Unit	61-153	3	347919	347956	.....
478	3.25	Symmetrical Angle Unit	61-153	3	347919	786545	.....
479	3.75	Symmetrical Angle Unit	61-153	3	347919	347949	.....
480	5.35	Symmetrical Angle Unit	61-153	3	347919	347950	.....
481	8.00	Symmetrical Angle Unit	61-153	3	347919	347951	.....
482	3.50	RLM Dome Unit	61-153	3	786547	347943	.....
483	3.60	RLM Dome Unit	61-153	3	786547	347944	.....
484	3.80	RLM Dome Unit	61-153	3	786547	347945	.....
485	4.40	RLM Dome Unit	61-153	3	786547	347946	.....
486	5.70	RLM Dome Unit	61-153	3	786547	347947	.....
487	7.60	RLM Dome Unit	61-153	3	786547	347948	.....
489	3.50	Shallow Dome Unit	61-153	3	786547	347958	.....
490	3.60	Shallow Dome Unit	61-153	3	786547	347959	.....
493	5.70	Shallow Dome Unit	61-153	3	786547	347961	.....
494	3.40	Deep Bowl Unit	61-153	3	786547	347952	.....
495	3.80	Deep Bowl Unit	61-153	3	786547	347953	.....
496	3.80	Deep Bowl Unit	61-153	3	786547	347954	.....
497	5.60	Deep Bowl Unit	61-153	3	786547	347955	.....
498	6.80	Deep Bowl Unit	61-153	3	786547	347956	.....
499	3.25	Symmetrical Angle Unit	61-153	3	786547	786545	.....
500	3.75	Symmetrical Angle Unit	61-153	3	786547	347949	.....
501	5.35	Symmetrical Angle Unit	61-153	3	786547	347950	.....
502	8.00	Symmetrical Angle Unit	61-153	3	786547	347951	.....
524	3.50	RLM Dome Unit	61-153	3	347920	347943	.....
525	3.60	RLM Dome Unit	61-153	3	347920	347944	.....
526	3.80	RLM Dome Unit	61-153	3	347920	347945	.....
527	4.40	RLM Dome Unit	61-153	3	347920	347946	.....
528	5.70	RLM Dome Unit	61-153	3	347920	347947	.....
529	7.60	RLM Dome Unit	61-153	3	347920	347948	.....
531	3.50	Shallow Dome Unit	61-153	3	347920	347958
786532	3.60	Shallow Dome Unit	61-153	3	347920	347959

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Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
786535	\$ 5.70	Shallow Dome Unit	61-153	3	347920	347961	.....
536	3.40	Deep Bowl Unit	61-153	3	347920	347952	.....
537	3.80	Deep Bowl Unit	61-153	3	347920	347953	.....
538	3.80	Deep Bowl Unit	61-153	3	347920	347954	.....
539	5.60	Deep Bowl Unit	61-153	3	347920	347955	.....
540	6.80	Deep Bowl Unit	61-153	3	347920	347956	.....
541	3.25	Symmetrical Angle Unit	61-153	3	347920	786545	.....
542	3.75	Symmetrical Angle Unit	61-153	3	347920	347949	.....
543	5.35	Symmetrical Angle Unit	61-153	3	347920	347950	.....
544	8.00	Symmetrical Angle Unit	61-153	3	347920	347951	.....
548	3.75	Vapor-Proof Unit	61-158	3	349977	.....	349959
549	4.20	Vapor-Proof Unit	61-158	3	349977	.....	336424
550	5.60	Vapor-Proof Unit	61-158	3	349966	.....	336425
551	6.00	Vapor-Proof Unit	61-158	3	349977	342538	349959
552	6.75	Vapor-Proof Unit	61-158	3	349977	342539	349959
553	8.25	Vapor-Proof Unit	61-158	3	349977	342540	336424
554	10.75	Vapor-Proof Unit	61-158	3	349966	342541	336425
555	6.40	Vapor-Proof Unit	61-158	3	349977	342543	349959
556	7.00	Vapor-Proof Unit	61-158	3	349977	342544	336424
557	9.05	Vapor-Proof Unit	61-158	3	349966	342545	336425
558	6.00	Vapor-Proof Unit	61-158	3	349977	342546	349959
559	6.75	Vapor-Proof Unit	61-158	3	349977	342547	349959
560	8.25	Vapor-Proof Unit	61-158	3	349977	342548	336424
561	10.75	Vapor-Proof Unit	61-158	3	349966	342549	336425
562	7.25	Vapor-Proof Unit	61-158	3	349977	342550	336424
563	10.00	Vapor-Proof Unit	61-158	3	349966	342553	336425
615	3.50	Elliptical Angle Unit	61-163	1	336388	349807	.....
616	4.20	Elliptical Angle Unit	61-163	1	336388	349808	.....
617	4.80	Elliptical Angle Unit	61-163	1	336388	349809	.....
618	8.70	Elliptical Angle Unit	61-163	1	336392	349810	.....
619	9.70	Elliptical Angle Unit	61-163	1	336392	349462	.....
679	10.20	Low Mounting Unit	61-165	1	349967	786673	.....
680	10.60	Low Mounting Unit	61-165	1	349968	786674	.....
681	11.95	Medium Mounting Unit	61-165	1	349968	786675	.....
682	11.95	Medium Mounting Unit	61-165	1	349968	786676	.....
683	15.35	High Mounting Unit	61-165	1	349968	786677	.....
684	15.35	High Mounting Unit	61-165	1	349968	786678	.....
685	10.20	Low Mounting Unit	61-165	1	349745	786673	.....
686	10.60	Low Mounting Unit	61-165	1	349746	786674	.....
687	11.95	Medium Mounting Unit	61-165	1	349746	786675	.....
688	11.95	Medium Mounting Unit	61-165	1	349746	786676	.....
689	15.35	High Mounting Unit	61-165	1	349746	786677	.....
690	15.35	High Mounting Unit	61-165	1	349746	786678	.....
691	9.85	Low Mounting Unit	61-165	1	349334	786673	.....
692	10.25	Low Mounting Unit	61-165	1	349336	786674	.....
693	11.60	Medium Mounting Unit	61-165	1	349336	786675	.....
694	11.60	Medium Mounting Unit	61-165	1	349336	786676	.....
695	15.00	High Mounting Unit	61-165	1	349336	786677	.....
696	15.00	High Mounting Unit	61-165	1	349336	786678	.....
697	9.85	Low Mounting Unit	61-165	1	786378	786673	.....
698	10.25	Low Mounting Unit	61-165	1	786379	786674	.....
699	11.60	Medium Mounting Unit	61-165	1	786379	786675	.....
700	11.60	Medium Mounting Unit	61-165	1	786379	786676	.....
701	15.00	High Mounting Unit	61-165	1	786379	786677	.....
702	15.00	High Mounting Unit	61-165	1	786379	786678	.....
703	9.85	Low Mounting Unit	61-165	1	349350	786673	.....
704	10.25	Low Mounting Unit	61-165	1	343492	786674	.....
705	11.60	Medium Mounting Unit	61-165	1	343492	786675	.....
706	11.60	Medium Mounting Unit	61-165	1	343492	786676
786707	15.00	High Mounting Unit	61-165	1	343492	786677

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Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
786708	\$15.00	High Mounting Unit	61-165	1	343492	786678	.....
745	3.40	RLM Dome Unit	61-150	3	786564	339203	.....
746	3.50	RLM Dome Unit	61-150	3	786564	339206	.....
747	3.70	RLM Dome Unit	61-150	3	786564	340083	.....
748	4.30	RLM Dome Unit	61-150	3	786564	340403	.....
749	5.50	RLM Dome Unit	61-150	3	786565	340486	.....
750	7.40	RLM Dome Unit	61-150	3	786565	340487	.....
752	3.40	Shallow Dome Unit	61-150	3	786564	338908	.....
753	3.50	Shallow Dome Unit	61-150	3	786564	338929	.....
756	5.50	Shallow Dome Unit	61-150	3	786565	338948	.....
757	3.30	Deep Bowl Unit	61-150	3	786564	339165	.....
758	3.70	Deep Bowl Unit	61-150	3	786564	339166	.....
759	3.70	Deep Bowl Unit	61-150	3	786564	339167	.....
760	5.40	Deep Bowl Unit	61-150	3	786565	339168	.....
761	6.60	Deep Bowl Unit	61-150	3	786565	339169	.....
762	3.15	Symmetrical Angle Unit	61-150	3	786564	339193	.....
763	3.65	Symmetrical Angle Unit	61-150	3	786564	339196	.....
764	5.15	Symmetrical Angle Unit	61-150	3	786565	339198	.....
765	7.80	Symmetrical Angle Unit	61-150	3	786565	339201	.....
766	2.95	Symmetrical Angle Unit	61-150	3	340498	339193	.....
767	2.95	Symmetrical Angle Unit	61-150	4	340779	339193	.....
768	3.15	Symmetrical Angle Unit	61-150	3	340489	339193	.....
769	3.35	Symmetrical Angle Unit	61-150	4	340771	339193	.....
770	18.50	Glassteel Diffuser	61-160	1	349579	350496	340927
771	25.30	Low Mounting Unit	61-165	2	349745	341122	.....
772	25.70	Low Mounting Unit	61-165	2	349746	341199	.....
773	26.70	Medium Mounting Unit	61-165	2	349746	341219	.....
774	26.70	Medium Mounting Unit	61-165	2	349746	341223	.....
775	27.70	High Mounting Unit	61-165	2	349746	341224	.....
776	27.70	High Mounting Unit	61-165	2	349746	341335	.....
777	24.70	High Mounting Unit	61-165	2	349746	349922	.....
778	24.70	High Mounting Unit	61-165	2	349746	349923	.....
914	3.20	RLM Dome Unit	61-150	3	786912	339203	.....
915	3.30	RLM Dome Unit	61-150	3	786912	339206	.....
916	3.50	RLM Dome Unit	61-150	3	786912	340083	.....
917	4.10	RLM Dome Unit	61-150	3	786912	340403	.....
918	5.30	RLM Dome Unit	61-150	3	786913	340486	.....
919	7.20	RLM Dome Unit	61-150	3	786913	340487	.....
921	3.20	Shallow Dome Unit	61-150	3	786912	338908	.....
922	3.30	Shallow Dome Unit	61-150	3	786912	338929	.....
925	5.30	Shallow Dome Unit	61-150	3	786913	338948	.....
926	3.10	Deep Bowl Unit	61-150	3	786912	339165	.....
927	3.50	Deep Bowl Unit	61-150	3	786912	339166	.....
928	3.50	Deep Bowl Unit	61-150	3	786912	339167	.....
929	5.20	Deep Bowl Unit	61-150	3	786913	339168	.....
930	6.40	Deep Bowl Unit	61-150	3	786913	339169	.....
931	2.95	Symmetrical Angle Unit	61-150	3	786912	339193	.....
932	3.45	Symmetrical Angle Unit	61-150	3	786912	339196	.....
933	4.95	Symmetrical Angle Unit	61-150	3	786913	339198	.....
934	7.60	Symmetrical Angle Unit	61-150	3	786913	339201	.....
789100	3.50	Shallow Dome Unit	61-143	2	336389	788223	.....
101	4.10	Shallow Dome Unit	61-143	2	336389	787576	.....
102	3.50	Shallow Dome Unit	61-143	3	336387	788223	.....
103	4.10	Shallow Dome Unit	61-143	3	336387	787576	.....
104	3.50	Shallow Dome Unit	61-143	3	336388	788223	.....
105	4.10	Shallow Dome Unit	61-143	3	336388	787576	.....
106	3.20	RLM Dome Unit	61-143	3	786742	W306050	.....
107	3.30	RLM Dome Unit	61-143	3	786742	W306075	.....
108	3.50	RLM Dome Unit	61-143	3	786742	W306150
789109	4.10	RLM Dome Unit	61-143	3	786742	W306200

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INDUSTRIAL LIGHTING EQUIPMENT

Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
789110	\$ 3.20	Shallow Dome Unit	61-143	3	786742	W303060	.....
111	3.30	Shallow Dome Unit	61-143	3	786742	W303075	.....
112	3.50	Shallow Dome Unit	61-143	3	786742	788223	.....
113	4.10	Shallow Dome Unit	61-143	3	786742	787576	.....
114	2.90	Deep Bowl Unit	61-143	3	786742	W307060	.....
115	3.10	Deep Bowl Unit	61-143	3	786742	W307075	.....
116	3.50	Deep Bowl Unit	61-143	3	786742	W307200	.....
117	2.95	Symmetrical Angle Unit	61-143	3	786742	W304060	.....
118	3.45	Symmetrical Angle Unit	61-143	3	786742	W304200	.....
121	3.50	Shallow Dome Unit	61-145	2	336319	788227	.....
122	3.50	Shallow Dome Unit	61-145	2	336319	787577	.....
123	2.55	Deep Bowl Unit	61-145	2	336319	789203	.....
124	5.85	Deep Bowl Unit	61-145	2	336320	788504	.....
125	2.75	Symmetrical Angle Unit	61-145	2	336319	789119	.....
126	3.05	Symmetrical Angle Unit	61-145	2	336319	789120	.....
127	3.50	Shallow Dome Unit	61-145	3	336215	788227	.....
128	3.50	Shallow Dome Unit	61-145	3	336215	787577	.....
129	3.50	Shallow Dome Unit	61-145	3	336398	788227	.....
130	3.50	Shallow Dome Unit	61-145	3	336398	787577	.....
131	2.55	Deep Bowl Unit	61-145	3	336215	789203	.....
132	2.55	Deep Bowl Unit	61-145	3	336398	789203	.....
133	5.85	Deep Bowl Unit	61-145	3	336219	788504	.....
134	5.85	Deep Bowl Unit	61-145	3	336402	788504	.....
135	2.75	Symmetrical Angle Unit	61-145	3	336215	789119	.....
136	3.05	Symmetrical Angle Unit	61-145	3	336215	789120	.....
137	2.75	Symmetrical Angle Unit	61-145	3	336398	789119	.....
138	3.05	Symmetrical Angle Unit	61-145	3	336398	789120	.....
139	3.40	RLM Dome Unit	61-145	3	786779	W326050	.....
140	3.50	RLM Dome Unit	61-145	3	786779	W326075	.....
141	3.80	RLM Dome Unit	61-145	3	786779	W326150	.....
142	4.20	RLM Dome Unit	61-145	3	786779	W326200	.....
143	2.85	Shallow Dome Unit	61-145	3	786779	W323040	.....
144	3.05	Shallow Dome Unit	61-145	3	786779	W323060	.....
145	3.30	Shallow Dome Unit	61-145	3	786779	W323075	.....
146	3.50	Shallow Dome Unit	61-145	3	786779	788227	.....
147	3.50	Shallow Dome Unit	61-145	3	786779	787577	.....
148	2.55	Deep Bowl Unit	61-145	3	786779	789203	.....
149	3.10	Deep Bowl Unit	61-145	3	786779	W327060	.....
150	3.20	Deep Bowl Unit	61-145	3	786779	W327075	.....
151	3.40	Deep Bowl Unit	61-145	3	786779	W327150	.....
152	3.80	Deep Bowl Unit	61-145	3	786779	W327200	.....
153	2.75	Symmetrical Angle Unit	61-145	3	786779	789119	.....
154	3.05	Symmetrical Angle Unit	61-145	3	786779	789120	.....
155	3.05	Symmetrical Angle Unit	61-145	3	786779	W324060	.....
156	3.55	Symmetrical Angle Unit	61-145	3	786779	W324200	.....
159	4.70	Shallow Dome Unit	61-148	3	349967	788217	.....
160	5.30	Shallow Dome Unit	61-148	3	349967	787580	.....
161	4.70	Shallow Dome Unit	61-148	3	349745	788217	.....
162	5.30	Shallow Dome Unit	61-148	3	349745	787580	.....
163	4.35	Shallow Dome Unit	61-148	3	349334	788217	.....
164	4.95	Shallow Dome Unit	61-148	3	349334	787580	.....
165	4.35	Shallow Dome Unit	61-148	3	786378	788217	.....
166	4.95	Shallow Dome Unit	61-148	3	786378	787580	.....
169	4.50	RLM Dome Unit	61-148	4	789167	345928	.....
170	4.60	RLM Dome Unit	61-148	4	789167	345929	.....
171	4.80	RLM Dome Unit	61-148	4	789167	345930	.....
172	5.40	RLM Dome Unit	61-148	4	789167	345931	.....
173	6.50	RLM Dome Unit	61-148	4	789168	345932	.....
174	8.40	RLM Dome Unit	61-148	4	789168	345933	.....
789175	4.80	Shallow Dome Unit	61-148	4	789167	349822

INDUSTRIAL LIGHTING EQUIPMENT

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Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
789176	\$ 4.80	Shallow Dome Unit	61-148	4	789167	788217	.....
177	5.40	Shallow Dome Unit	61-148	4	789167	787580	.....
178	6.50	Shallow Dome Unit	61-148	4	789168	349824	.....
180	4.40	Deep Bowl Unit	61-148	4	789167	349812	.....
181	4.80	Deep Bowl Unit	61-148	4	789167	349813	.....
182	4.80	Deep Bowl Unit	61-148	4	789167	349814	.....
183	6.40	Deep Bowl Unit	61-148	4	789168	349815	.....
184	8.40	Deep Bowl Unit	61-148	4	789168	349816	.....
185	4.75	Symmetrical Angle Unit	61-148	4	789167	349817	.....
186	6.15	Symmetrical Angle Unit	61-148	4	789168	349818	.....
187	8.80	Symmetrical Angle Unit	61-148	4	789168	349819	.....
188	4.35	Shallow Dome Unit	61-148	4	349350	788217	.....
189	4.95	Shallow Dome Unit	61-148	4	349350	787580	.....
227	9.00	Glassteel Diffuser	61-160	2	.....	.....	.....
228	12.50	Glassteel Diffuser	61-160	2	.....	.....	.....
229	9.00	Glassteel Diffuser	61-160	2	789215	789209	349895
230	12.50	Glassteel Diffuser	61-160	2	789216	789210	349898
231	9.00	Glassteel Diffuser	61-160	2	789217	789209	349895
232	12.50	Glassteel Diffuser	61-160	2	789218	789210	349898
233	9.00	Glassteel Diffuser	61-160	2	789219	789209	349895
234	12.50	Glassteel Diffuser	61-160	2	789220	789210	349898
235	9.30	Glassteel Diffuser	61-160	2	789221	789212	349895
236	12.90	Glassteel Diffuser	61-160	2	789221	789213	349898
237	9.30	Glassteel Diffuser	61-160	2	789223	789212	349895
238	12.90	Glassteel Diffuser	61-160	2	789223	789213	349898
239	9.30	Glassteel Diffuser	61-160	2	789225	789212	349895
240	12.90	Glassteel Diffuser	61-160	2	789225	789213	349898
241	3.70	Elliptical Angle Unit	61-163	2	340771	789353	.....
242	4.40	Elliptical Angle Unit	61-163	2	340771	788264	.....
243	5.00	Elliptical Angle Unit	61-163	2	340771	788266	.....
244	8.90	Elliptical Angle Unit	61-163	2	340499	788268	.....
245	9.90	Elliptical Angle Unit	61-163	2	340499	788270	.....
246	3.50	Elliptical Angle Unit	61-163	2	340489	789353	.....
247	4.20	Elliptical Angle Unit	61-163	2	340489	788264	.....
248	4.80	Elliptical Angle Unit	61-163	2	340489	788266	.....
249	8.70	Elliptical Angle Unit	61-163	2	340488	788268	.....
250	9.70	Elliptical Angle Unit	61-163	2	340488	788270	.....
251	3.50	Elliptical Angle Unit	61-163	2	786564	789353	.....
252	4.20	Elliptical Angle Unit	61-163	2	786564	788264	.....
253	4.80	Elliptical Angle Unit	61-163	2	786564	788266	.....
254	8.70	Elliptical Angle Unit	61-163	2	786565	788268	.....
255	9.70	Elliptical Angle Unit	61-163	2	786565	788270	.....
256	3.80	Elliptical Angle Unit	61-163	2	347920	789352	.....
257	4.50	Elliptical Angle Unit	61-163	2	347920	788271	.....
258	5.10	Elliptical Angle Unit	61-163	2	347920	788272	.....
259	9.10	Elliptical Angle Unit	61-163	2	347920	788273	.....
260	10.10	Elliptical Angle Unit	61-163	2	347920	788274	.....
261	3.80	Elliptical Angle Unit	61-163	2	347919	789352	.....
262	4.50	Elliptical Angle Unit	61-163	2	347919	788271	.....
263	5.10	Elliptical Angle Unit	61-163	2	347919	788272	.....
264	9.10	Elliptical Angle Unit	61-163	2	347919	788273	.....
265	10.10	Elliptical Angle Unit	61-163	2	347919	788274	.....
266	3.80	Elliptical Angle Unit	61-163	2	786547	789352	.....
267	4.50	Elliptical Angle Unit	61-163	2	786547	788271	.....
268	5.10	Elliptical Angle Unit	61-163	2	786547	788272	.....
269	9.10	Elliptical Angle Unit	61-163	2	786547	788273	.....
270	10.10	Elliptical Angle Unit	61-163	2	786547	788274	.....
285	10.30	Low Mounting Unit	61-165	1	789167	786673	.....
286	10.70	Low Mounting Unit	61-165	1	789168	786674	.....
789287	12.05	Medium Mounting Unit	61-165	1	789168	786675	.....

INDUSTRIAL LIGHTING EQUIPMENT

Complete Unit Style No.	Complete Unit List Price	Description	Catalog Section No.	Page	Socket or Hood Style No.	Reflector Style No.	Globe Style No.
789288	\$12.05	Medium Mounting Unit	61-165	1	789168	786676	.....
289	15.45	High Mounting Unit	61-165	1	789168	786677	.....
290	15.45	High Mounting Unit	61-165	1	789168	786678	.....
291	25.40	Low Mounting Unit	61-165	2	789167	341122	.....
292	25.80	Low Mounting Unit	61-165	2	789168	341199	.....
293	26.80	Medium Mounting Unit	61-165	2	789168	341219	.....
294	26.80	Medium Mounting Unit	61-165	2	789168	341223	.....
295	27.80	High Mounting Unit	61-165	2	789168	341224	.....
296	27.80	High Mounting Unit	61-165	2	789168	341335	.....
297	24.80	High Mounting Unit	61-165	2	789168	349922	.....
298	24.80	High Mounting Unit	61-165	2	789168	349923	.....
299	24.95	Low Mounting Unit	61-165	2	786378	341122	.....
300	25.35	Low Mounting Unit	61-165	2	786379	341199	.....
301	26.35	Medium Mounting Unit	61-165	2	786379	341219	.....
302	26.35	Medium Mounting Unit	61-165	2	786379	341223	.....
303	27.35	High Mounting Unit	61-165	2	786379	341224	.....
304	27.35	High Mounting Unit	61-165	2	786379	341335	.....
305	24.35	High Mounting Unit	61-165	2	786379	349922	.....
789306	24.35	High Mounting Unit	61-165	2	786379	349923	.....

Part II—Assembly Details and Accessories

Pull Chain Sockets

Medium Pull Chain Sockets can be furnished with the following:

- One-Piece Reflector—Socket Fixtures
- Heavy Duty Screw Heel Units
- Wemco Screw Heel Units
- Wemco Quick Change Units
- Wemco Screw Heel Elliptical Angle Units
- Wemco Quick Change Elliptical Angle Unit
- One-Piece Elliptical Angle Unit

When Style Numbers and Prices are not listed specify "Similar to Style No. (.....) except with Pull Chain Socket" and add \$0.80 each list.

Self-Locking Sockets

Medium Self-Locking Sockets can be

furnished with the following:

- Heavy Duty Screw Heel Units
- Wemco Screw Heel Units
- Wemco Screw Heel Elliptical Angle Units

When Style Numbers and Prices are not listed specify "Similar to Style No. (.....) except with Self-Locking Socket" and add \$0.50 each list. Key for releasing lamp, Style No. 786439. List Price \$1.00 each.

Shock Absorbing Sockets

Shock Absorbing Sockets can be furnished with the following:

- One-Piece Reflector—Socket Fixtures
- Heavy Duty Screw Heel Units
- Wemco Screw Heel Units
- Wemco Quick Change Units
- Vapor-Proof Units
- Heavy Duty Screw Heel Glassteel Diffusers
- Wemco Screw Heel Glassteel Diffusers

Wemco Quick Change Glassteel Diffusers

One-Piece Glassteel Diffusers
Wemco Screw Heel Elliptical Angle Units

Wemco Quick Change Elliptical Angle Units

One-Piece Elliptical Angle Units
Aluminum Low, Medium and High Mounting Units

Chromium-Plated Low, Medium and High Mounting Units

When Style Numbers and Prices are not listed specify "Similar to Style No. (.....) except with shock absorbing socket" and add \$0.10 each list.

Sockets for use with 3-Light Lamps

Mogul Sockets for 3-Light Lamps are listed in Catalog Section 61-280 and may be used with Wemco or Heavy Duty Screw Heel Hoods at an increase of \$0.45 list.

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Ship. Wt., Lbs.	Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Ship. Wt., Lbs.
W303060	\$ 1.90	Reflector	{ 61-143	2	10	20	336389	\$ 1.30	Socket	{ 61-143	2	10	16
075	2.00	Reflector	{ 61-175	2	10	20	391	1.95	Socket	{ 61-163	1	10	16
150	2.80	Reflector	{ 61-143	2	10	25				{ 61-143	3	5	13
500	3.35	Reflector	{ 61-175	2	10	25	392	1.95	Socket	{ 61-163	1	5	13
W304000	5.65	Reflector	61-175	2	10	30	393	1.95	Socket	{ 61-143	2	5	13
060	1.65	Reflector	61-143	2	10	15				{ 61-163	1	5	13
200	2.15	Reflector	61-143	2	10	25	398	1.60	Socket	61-145	3	10	19
500	3.00	Reflector	61-143	2	5	20	402	2.25	Socket	61-145	3	5	15
W306000	5.25	Reflector	61-143	2	5	35	420	1.50	Guard	61-158	3	10	10
050	1.90	Reflector	61-143	2	10	25	422	2.50	Guard	61-158	3	5	8
075	2.00	Reflector	61-143	2	10	25	424	1.20	Globe	61-158	3	10	50
150	2.20	Reflector	61-143	2	10	30	425	1.60	Globe	61-158	3	5	40
200	2.80	Reflector	61-143	2	10	35	500	3.60	Reflector	61-145	2	5	30
500	3.35	Reflector	61-143	2	5	30	842	.75	Fittings	61-173	4	10	20
W307000	4.45	Reflector	61-143	2	5	30	956	1.45	Box	61-158	3	10	40
060	1.60	Reflector	61-143	2	10	15	957	1.50	Box	61-158	3	10	40
075	1.80	Reflector	61-143	2	10	18	961	1.10	Box	61-158	3	10	30
200	2.20	Reflector	61-143	2	10	25	W337000	4.35	Reflector	61-145	2	5	30
500	3.25	Reflector	61-143	2	5	20	337014	.10	Gasket	61-158	3	10	1
W323040	1.25	Reflector	61-145	2	10	15	625	3.50	Globe	61-158	3	10	50
060	1.45	Reflector	61-145	2	10	25	626	1.50	Globe	61-158	3	10	50
075	1.70	Reflector	61-145	2	10	25	627	5.25	Globe	61-158	3	5	40
W324060	1.45	Reflector	61-145	2	10	15	628	2.20	Globe	61-158	3	5	40
200	1.95	Reflector	61-145	2	10	25	629	.90	Globe	61-158	3	10	50
W326050	1.80	Reflector	61-145	2	10	25	763	3.40	Hood	61-175	2	4	24
075	1.90	Reflector	61-145	2	10	25	764	3.65	Hood	61-175	2	4	24
150	2.20	Reflector	61-145	2	10	30	765	3.95	Hood	61-175	2	4	28
200	2.60	Reflector	61-145	2	10	35	766	3.70	Hood	61-175	2	4	28
W327060	1.50	Reflector	61-145	2	10	15	769	1.90	Reflector	61-175	2	4	12
075	1.60	Reflector	61-145	2	10	20	770	3.00	Reflector	61-175	2	4	24
150	1.80	Reflector	61-145	2	10	20	338109	4.75	Guard	61-173	1	10	65
200	2.20	Reflector	61-145	2	10	25	419	8.25	Bracket	61-175	2	4	22
W334000	5.50	Reflector	61-145	2	5	30	476	1.75	Bracket	61-175	2	4	4
500	3.50	Reflector	61-145	2	5	20	477	1.95	Bracket	61-175	2	4	5
335113	.95	Eye	61-173	3	10	15	478	2.95	Bracket	61-175	2	4	12
638	1.50	Globe	61-175	2	4	16	762	1.00	Socket	61-175	1	10	10
640	2.30	Globe	61-175	2	4	36	763	1.55	Socket	61-175	1	10	15
884	1.85	Globe	61-175	2	4	16	908	2.10	Reflector	61-150	2	10	20
885	2.40	Globe	61-175	2	4	24	929	2.20	Reflector	61-150	2	10	25
W336000	5.30	Reflector	61-145	2	5	35	948	3.70	Reflector	61-150	2	5	35
336044	.60	Globe	61-175	2	4	10	339162	4.70	Hood	61-158	3	5	55
215	1.60	Socket	61-145	3	10	19	163	3.70	Hood	61-158	3	10	70
219	2.25	Socket	61-145	3	5	15	165	2.00	Reflector	61-150	2	10	15
319	1.60	Socket	61-145	2	10	19	166	2.40	Reflector	61-150	2	10	18
320	2.25	Socket	61-145	2	5	15	167	2.40	Reflector	61-150	2	10	25
							168	3.60	Reflector	61-150	2	5	20
387	1.30	Socket	{ 61-143	3	10	16	169	4.80	Reflector	61-150	2	5	30
			{ 61-163	1	10	16	193	1.85	Reflector	61-150	2	10	15
			{ 61-175	2	10	16	196	2.35	Reflector	61-150	2	10	25
336388	1.30	Socket	{ 61-143	3	10	16	339198	3.35	Reflector	61-150	2	5	20
			{ 61-163	1	10	16							

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Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Ship. Wt., Lbs.	Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Ship. Wt., Lbs.
339201	\$ 6.00	Reflector	61-150	2	5	30	344649	\$.75	Socket	61-175	1	10	12
203	2.10	Reflector	61-150	2	10	25	722	1.20	Guard	61-173	1	10	12
206	2.20	Reflector	61-150	2	10	25	723	2.00	Guard	61-173	1	10	18
340083	2.40	Reflector	61-150	2	10	30	345338	9.50	Hanger	61-173	4	10	200
403	3.00	Reflector	61-150	2	10	35	915	.60	Socket	61-175	1	10	10
486	3.70	Reflector	61-150	2	5	30	916	.75	Socket	61-175	1	10	15
487	5.60	Reflector	61-150	2	5	35	928	2.10	Reflector	61-148	2	10	25
488	1.80	Hood	{ 61-150 61-163	3 2	5 5	15 15	929	2.20	Reflector	61-148	2	10	25
489	1.30	Hood	{ 61-150 61-163	3 2	10 10	20 20	930	2.40	Reflector	61-148	2	10	30
490	1.30	Hood	61-150	3	5	12	931	3.00	Reflector	61-148	2	10	35
498	1.10	Hood	61-150	3	10	18	932	3.70	Reflector	61-148	2	5	30
499	2.00	Hood	{ 61-150 61-163	4 2	5 5	15 15	933	5.60	Reflector	61-148	2	5	35
771	1.50	Hood	{ 61-150 61-163	4 2	10 10	20 20	993	4.20	Hanger	61-173	2	10	35
775	1.60	Hood	61-150	4	5	12	346002	.10	Bushing	61-173	4	100	5
779	1.10	Hood	61-150	4	10	18	100	4.20	Hanger	61-173	2	10	35
787	1.30	Hood	61-150	2	10	20	101	5.35	Hanger	61-173	2	5	25
837	2.70	Cover	61-173	1	5	12	102	4.60	Hanger	61-173	2	5	25
851	3.10	Cover	61-173	1	5	14	514	.55	Socket	61-175	1	10	10
927	7.25	Globe	61-160	1	2	15	524	6.00	Lens	61-178	2	1	4
932	3.60	Cover	61-173	1	5	17	571	2.25	Hanger	61-173	2	10	15
933	4.10	Cover	61-173	1	5	23	572	2.25	Hanger	61-173	2	10	15
934	5.70	Cover	61-173	1	5	28	609	P.L. 61-820	Lens	61-178	2	2	4
935	1.00	Glass	61-173	1	5	8	610	P.L. 61-820	Lens	61-178	2	2	4
341057	1.20	Glass	61-173	1	5	10	347650	15.00	Concentrator	61-178	2	2	16
058	1.50	Glass	61-173	1	5	13	727	1.20	Socket	61-175	1	10	10
059	1.80	Glass	61-173	1	5	19	895	5.70	Glass	61-173	1	5	13
060	3.00	Glass	61-173	1	5	24	919	.80	Hood	{ 61-153 61-163	3 2	10 10	20 20
064	3.60	Cover	61-173	1	4	12	920	.80	Hood	{ 61-153 61-163	3 2	10 10	20 20
065	4.35	Cover	61-173	1	4	14	923	.80	Hood	61-153	2	10	20
067	5.10	Cover	61-173	1	4	20	943	2.70	Reflector	61-153	2	10	25
068	1.45	Glass	61-173	1	4	10	944	2.80	Reflector	61-153	2	10	25
069	1.90	Glass	61-173	1	4	12	945	3.00	Reflector	61-153	2	10	30
070	2.30	Glass	61-173	1	4	16	946	3.60	Reflector	61-152	2	10	35
122	23.00	Reflector	61-165	2	4	30	947	4.90	Reflector	61-153	2	5	30
199	23.00	Reflector	61-165	2	4	35	948	6.80	Reflector	61-153	2	5	35
219	24.00	Reflector	61-165	2	4	40	949	2.95	Reflector	61-153	2	10	25
223	24.00	Reflector	61-165	2	4	40	950	4.55	Reflector	61-153	2	5	20
224	25.00	Reflector	61-165	2	4	40	951	7.20	Reflector	61-153	2	5	30
290	2.10	Hood	61-150	2	10	20	952	2.60	Reflector	61-153	2	10	15
291	1.90	Hood	61-150	2	10	18	953	3.00	Reflector	61-152	2	10	18
292	2.30	Hood	61-150	2	10	20	954	3.00	Reflector	61-152	2	10	25
335	25.00	Reflector	61-165	2	4	40	955	4.80	Reflector	61-152	2	5	20
647	1.90	Hood	61-150	2	10	18	956	6.00	Reflector	61-153	2	5	30
342210	1.40	Socket	61-175	1	10	10	958	2.70	Reflector	61-153	2	10	20
227	9.00	Globe	61-160	2	2	15	959	2.80	Reflector	61-153	2	10	25
319	.95	Gooseneck	61-175	2	10	10	961	4.90	Reflector	61-153	2	5	35
538	2.25	Reflector	61-158	2	10	25	349063	1.40	Reflector	61-168	1	10	15
539	3.00	Reflector	61-158	2	10	30	064	1.60	Reflector	61-168	1	10	20
540	4.05	Reflector	61-158	2	10	35	065	1.85	Reflector	61-168	1	10	25
541	5.15	Reflector	61-158	2	5	25	067	1.40	Reflector	61-168	1	10	15
542	4.05	Reflector	61-158	2	5	20	068	1.60	Reflector	61-168	1	10	20
543	2.65	Reflector	61-158	2	10	25	069	1.85	Reflector	61-168	1	10	25
544	2.80	Reflector	61-158	2	10	25	071	1.95	Reflector	61-168	1	10	25
545	3.45	Reflector	61-158	2	10	25	072	2.05	Reflector	61-168	1	10	25
546	2.25	Reflector	61-158	2	10	15	073	2.35	Reflector	61-168	1	10	30
547	3.00	Reflector	61-158	2	10	20	074	2.75	Reflector	61-168	1	10	35
548	4.05	Reflector	61-158	2	10	25	076	1.95	Reflector	61-168	1	10	25
549	5.15	Reflector	61-158	2	10	25	077	2.05	Reflector	61-168	1	10	25
550	3.05	Reflector	61-158	2	10	25	078	2.35	Reflector	61-168	1	10	30
553	4.40	Reflector	61-158	2	5	20	079	2.75	Reflector	61-168	1	10	35
884	.60	Socket	61-175	1	10	10	081	1.60	Reflector	61-168	1	10	15
343074	15.00	Concentrator	61-178	2	2	16	082	2.10	Reflector	61-168	1	10	25
427	20.00	Concentrator	61-178	2	1	18	084	1.60	Reflector	61-168	1	10	15
492	2.35	Hood	{ 61-148 61-165	4 1 & 2	5 5	15 15	085	2.10	Reflector	61-168	1	10	25
493	1.00	Hanger	61-173	3	10	25	086	1.65	Reflector	61-168	1	10	15
985	P.L. 61-820	Adapter	61-178	1	5	15	087	1.75	Reflector	61-168	1	10	18
344284	1.90	Hood	61-150	2	5	15	088	1.95	Reflector	61-168	1	10	20
285	1.40	Hood	61-150	2	10	20	089	2.35	Reflector	61-168	1	10	25
286	1.70	Hood	61-150	2	5	12	090	1.65	Reflector	61-168	1	10	15
287	1.20	Hood	61-150	2	10	18	091	1.75	Reflector	61-168	1	10	18
288	2.10	Hood	61-150	2	5	15	092	1.95	Reflector	61-168	1	10	20
289	1.60	Hood	61-150	2	10	20	093	2.35	Reflector	61-168	1	10	25
290	1.70	Hood	61-150	2	5	12	132	4.75	Reflector	61-160	1	4	30
291	1.20	Hood	61-150	2	5	12	133	5.80	Reflector	61-160	1	4	35
344535	1.15	Eye	61-173	3	10	23	334	1.95	Hood	{ 61-148 61-165	3 1 & 2	10 10	20 20
							349336	2.35	Hood	{ 61-148 61-165	3 1 & 2	5 5	15 15

INDUSTRIAL LIGHTING EQUIPMENT

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Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Shp. Wt., Lbs.	Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Pkg. Shp. Wt., Lbs.
349337	\$ 2.75	Hood	61-148	2	10	20	350225	\$.30	Hanger	61-173	3	10	15
339	1.95	Hood	61-160	2	4	8	256	1.35	Reflector	61-170	1	10	15
341	3.10	Hood	61-160	2	4	12	452	.20	Gasket	61-158	3	10	2
350	1.95	Hood	61-148	4	10	20	453	.60	Gasket	61-158	3	5	2
			61-165	1 & 2	10	20	460	.95	Reflector	61-170	1	10	15
351	1.95	Hood	61-160	2	4	8	461	1.15	Reflector	61-170	1	10	20
379	3.10	Hood	61-160	2	4	12	462	1.50	Reflector	61-170	1	10	25
436	2.75	Hood	61-148	2	10	20	463	1.90	Reflector	61-170	1	10	30
447	2.50	Socket	61-175	1	10	15	496	8.15	Reflector	61-160	1	2	50
448	1.50	Socket	61-175	1	10	10	600	8.15	Reflector	61-160	1	2	25
462	7.75	Reflector	61-163	1	5	40	351484	.65	Padlock	61-173	1	10	2
564	1.05	Socket	61-175	1	10	10	487	.85	Guard	61-173	1	10	10
569	1.50	Socket	61-175	1	10	15	494	1.50	Guard	61-173	1	10	13
570	3.20	Reflector	61-140	2	10	25	495	1.80	Guard	61-173	1	10	15
571	3.30	Reflector	61-140	2	10	25	497	2.10	Guard	61-173	1	10	20
572	3.50	Reflector	61-140	2	10	30	498	2.50	Guard	61-173	1	10	25
573	4.10	Reflector	61-140	2	10	35	499	3.00	Guard	61-173	1	10	59
574	5.30	Reflector	61-140	2	5	30	540	1.30	Reflector	61-170	2	10	10
575	7.20	Reflector	61-140	2	5	35	541	.75	Reflector	61-170	1	10	5
578	1.95	Socket	61-160	1	4	6	544	1.10	Reflector	61-170	2	10	10
579	3.10	Socket	61-160	1	4	10	353017	1.25	Reflector	61-170	2	10	15
706	1.60	Guard	61-158	3	10	10	747	.90	Reflector	61-170	2	10	5
725	3.00	Globe	61-158	3	10	50	750	.85	Eye	61-173	3	10	12
729	1.95	Socket	61-160	1	4	6	777	.12	Bushing	61-173	4	100	5
730	3.10	Socket	61-160	1	4	10	785092	1.40	Reflector	61-170	1	10	20
731	1.95	Socket	61-160	1	4	6	129	3.50	Reflector	61-140	2	10	30
732	3.10	Socket	61-160	1	4	10	786378	1.95	Hood	61-148	3	10	20
745	2.30	Hood	61-148	3	10	20				61-165	1 & 2	10	20
			61-165	1 & 2	10	20	379	2.35	Hood	61-148	3	5	15
746	2.70	Hood	61-148	3	5	15	423	2.40	Hood	61-165	1 & 2	5	15
752	9.50	Gauge Light	61-170	1	5	25	424	2.80	Hood	61-148	2	10	20
										61-148	2	5	15
772	6.50	Gauge Light	61-170	1	5	20	425	2.40	Hood	61-148	2	10	20
801	4.75	Reflector	61-160	1	4	30	426	2.80	Hood	61-148	2	5	15
802	5.80	Reflector	61-160	1	4	35	427	2.05	Hood	61-148	2	10	20
807	2.20	Reflector	61-163	1	10	30	428	2.45	Hood	61-148	2	5	15
808	2.90	Reflector	61-163	1	10	30	429	2.05	Hood	61-148	2	10	20
809	3.50	Reflector	61-163	1	10	35	430	2.45	Hood	61-148	2	5	15
810	6.75	Reflector	61-163	1	5	30	431	2.05	Hood	61-148	2	10	20
812	2.00	Reflector	61-148	2	10	15	432	2.45	Hood	61-148	2	5	15
813	2.40	Reflector	61-148	2	10	18	433	2.75	Hood	61-148	2	10	20
814	2.40	Reflector	61-148	2	10	25	434	2.80	Hood	61-148	2	10	20
815	3.60	Reflector	61-148	2	5	20	435	2.80	Hood	61-148	2	10	20
816	5.60	Reflector	61-148	2	5	30	436	2.45	Hood	61-148	2	10	20
817	2.35	Reflector	61-148	2	10	25	437	2.45	Hood	61-148	2	10	20
818	3.35	Reflector	61-148	2	5	20	438	2.45	Hood	61-148	2	10	20
819	6.00	Reflector	61-148	2	5	30	439	1.00	Key	61-148	2	1	35
822	2.40	Reflector	61-148	2	10	20				61-150	2	1	25
824	3.70	Reflector	61-148	2	5	30	545	2.45	Reflector	61-153	2	10	15
895	2.30	Globe	61-160	1	4	10	547	.80	Hood	61-153	3	10	20
896	2.80	Globe	61-160	2	4	10				61-163	2	10	20
898	3.60	Globe	61-160	1	4	15	564	1.30	Hood	61-150	3	10	20
										61-163	2	10	20
899	4.35	Globe	61-160	2	4	15	565	1.80	Hood	61-150	3	5	15
922	22.00	Reflector	61-165	2	4	50	566	2.10	Hood	61-163	2	5	15
923	22.00	Reflector	61-165	2	4	50				61-150	2	10	20
959	.75	Globe	61-158	3	10	50	567	1.60	Hood	61-150	2	10	18
960	3.00	Hood	61-158	3	10	70	568	1.60	Hood	61-150	2	10	18
963	4.00	Hood	61-158	3	5	55	569	1.80	Hood	61-150	2	10	20
966	4.00	Hood	61-158	3	5	55	570	1.80	Hood	61-150	2	10	20
967	2.30	Hood	61-148	3	10	20	571	2.00	Hood	61-150	2	10	20
			61-165	1 & 2	10	20	662	P.L. 61-820	Glass	61-178	1	..	..
968	2.70	Hood	61-148	3	5	15	673	7.90	Reflector	61-165	1	4	20
969	.70	Socket	61-165	1 & 2	5	15	674	7.90	Reflector	61-165	1	4	25
			61-175	1	10	12	675	9.25	Reflector	61-165	1	4	25
970	.70	Socket	61-175	1	10	12	676	9.25	Reflector	61-165	1	4	25
971	.70	Socket	61-175	1	10	12	677	12.65	Reflector	61-165	1	4	30
972	1.95	Reflector	61-168	2	10	25	678	12.65	Reflector	61-165	1	4	30
973	2.05	Reflector	61-168	2	10	25	738	P.L. 61-820	Glass	61-178	1	..	..
974	2.35	Reflector	61-168	2	10	30	742	1.30	Socket	61-143	3	10	16
975	2.75	Reflector	61-168	2	10	35	779	1.60	Socket	61-145	3	10	19
977	3.00	Hood	61-158	3	10	70	780	1.40	Hood	61-150	2	10	20
984	1.40	Reflector	61-168	2	10	15	781	1.90	Hood	61-150	2	5	15
985	1.60	Reflector	61-168	2	10	20	851	6.00	Concentrator	61-178	1	2	12
986	1.85	Reflector	61-168	2	10	25	854	10.00	Concentrator	61-178	1	2	20
990	1.65	Reflector	61-168	2	10	15	875	.40	Cover	61-158	3	10	10
991	1.75	Reflector	61-168	2	10	18	876	.35	Cover	61-158	3	10	10
992	1.95	Reflector	61-168	2	10	20	902	2.80	Globe	61-160	2	4	10
993	2.35	Reflector	61-168	2	10	25	903	4.35	Globe	61-160	2	4	15
995	1.60	Reflector	61-168	2	10	15	785904	9.00	Globe	61-160	2	2	15
349996	2.10	Reflector	61-168	2	10	25							

61-120 PRICE LIST

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INDUSTRIAL LIGHTING EQUIPMENT

Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Ship. Wt., Lbs.	Part Style No.	Part List Price	Description	Catalog Section No.	Page	Std. Pkg. Qty.	Std. Ship. Wt., Lbs.
786908	\$ 2.00	Cover	61-178	1	2	5	789203	\$.95	Reflector	61-145	2	10	12
909	P.L. 61-820	Ring	61-178	1	..	..	204	2.90	Hood	61-148	2	5	15
910	4.00	Cover	61-178	1	2	9	206	1.75	Globe	61-158	3	10	50
911	P.L. 61-820	Ring	61-178	1	..	..	207	2.20	Globe	61-158	3	10	50
912	1.10	Hood	61-150	3	10	18	208	3.10	Globe	61-158	3	5	40
913	1.60	Hood	61-150	3	5	12	209	5.20	Reflector	61-160	1	4	30
990	1.10	Socket	61-175	1	10	15	210	6.90	Reflector	61-160	1	4	35
787195	P.L. 61-820	Ring	61-178	2	2	1 1/2	211	Discontinued	Reflector	61-160	1	2	25
366	.65	Socket	61-175	1	10	10	212	6.20	Reflector	61-160	1	4	30
576	2.80	Reflector	61-143	2	10	35	213	8.50	Reflector	61-160	1	4	35
577	1.90	Reflector	61-145	2	10	35	214	Discontinued	Reflector	61-160	1	2	25
578	3.00	Reflector	61-150	2	10	30	215	1.50	Hood	61-160	2	4	8
580	3.00	Reflector	61-148	2	10	30	216	2.00	Hood	61-160	2	4	12
581	2.65	Reflector	61-168	2	10	35	217	1.50	Hood	61-160	2	4	8
582	2.65	Reflector	61-168	1	10	35	218	2.00	Hood	61-160	2	4	12
643	2.65	Reflector	61-168	1	10	35	219	1.50	Hood	61-160	2	4	8
652	1.35	Socket	61-175	1	10	10	220	2.00	Hood	61-160	2	4	12
781	1.15	Socket	61-175	1	10	10	221	.80	Hood	61-160	2	4	8
790	3.45	Reflector	61-140	2	10	30	223	.80	Hood	61-160	2	4	8
788050	3.20	Reflector	61-140	2	10	25	225	.80	Hood	61-160	2	4	8
051	3.30	Reflector	61-140	2	10	25	227	9.00	Glassteel	61-160	2	4	50
052	4.10	Reflector	61-140	2	10	35	228	12.50	Glassteel	61-160	2	4	60
053	5.30	Reflector	61-140	2	5	30	271	3.50	Reflector	61-163	2	10	35
054	2.90	Reflector	61-140	2	10	20	272	4.20	Reflector	61-163	2	10	35
055	3.10	Reflector	61-140	2	10	25	273	4.80	Reflector	61-163	2	10	45
056	3.50	Reflector	61-140	2	10	30	274	8.70	Reflector	61-163	2	5	40
057	5.20	Reflector	61-140	2	5	20	275	9.70	Reflector	61-163	2	5	20
058	6.40	Reflector	61-140	2	5	30	276	1.10	Reflector	61-168	2	10	10
059	7.60	Reflector	61-140	2	5	30	277	1.30	Reflector	61-168	2	10	10
060	2.95	Reflector	61-140	2	10	25	278	1.60	Reflector	61-168	2	10	15
061	4.95	Reflector	61-140	2	5	20	279	1.10	Reflector	61-168	1	10	10
166	1.20	Socket	61-175	1	10	10	280	1.10	Reflector	61-168	1	10	10
213	3.60	Reflector	61-153	2	10	35	281	1.30	Reflector	61-168	1	10	10
216	2.05	Reflector	61-168	2	10	30	282	1.30	Reflector	61-168	1	10	10
217	2.40	Reflector	61-148	2	10	25	283	1.60	Reflector	61-168	1	10	15
218	2.05	Reflector	61-168	1	10	30	284	1.60	Reflector	61-168	1	10	15
219	2.05	Reflector	61-168	1	10	30	307	5.20	Glass	61-173	1	5	10
220	2.40	Reflector	61-150	2	10	30	308	6.60	Glass	61-173	1	5	13
222	3.00	Reflector	61-153	2	10	30	309	7.50	Glass	61-173	1	5	19
223	2.20	Reflector	61-143	2	10	30	310	12.00	Glass	61-173	1	5	24
227	1.90	Reflector	61-145	2	10	30	311	3.30	Cover	61-173	1	5	12
264	2.90	Reflector	.....	..	10	30	312	3.90	Cover	61-173	1	5	14
266	3.50	Reflector	.....	..	10	35	313	4.50	Cover	61-173	1	5	17
268	6.90	Reflector	.....	..	5	30	314	5.30	Cover	61-173	1	5	23
270	7.90	Reflector	.....	..	5	40	315	7.50	Cover	61-173	1	5	28
271	3.70	Reflector	.....	..	10	30	316	5.00	Cover	61-173	1	5	12
272	4.30	Reflector	.....	..	10	35	317	6.30	Cover	61-173	1	5	14
273	8.30	Reflector	.....	..	5	30	318	7.80	Cover	61-173	1	5	17
274	9.30	Reflector	.....	..	5	40	319	8.60	Cover	61-173	1	5	23
504	3.60	Reflector	61-145	2	5	20	320	12.90	Cover	61-173	1	5	28
576	6.00	Concentrator	61-178	1	2	12	321	5.60	Cover	61-173	1	5	12
577	10.00	Concentrator	61-178	1	2	20	322	7.10	Cover	61-173	1	5	14
789090	1.60	Glass	61-173	1	5	8	323	8.70	Cover	61-173	1	5	17
091	2.00	Glass	61-173	1	5	10	324	9.80	Cover	61-173	1	5	23
092	2.40	Glass	61-173	1	5	13	325	14.70	Cover	61-173	1	5	28
093	3.00	Glass	61-173	1	5	19	326	1.60	Socket	61-175	1	10	15
094	4.80	Glass	61-173	1	5	24	327	.70	Socket	61-175	1	10	9
095	3.30	Glass	61-173	1	5	8	328	1.15	Socket	61-175	1	10	12
096	4.40	Glass	61-173	1	5	10	329	1.85	Socket	61-175	1	10	10
097	6.30	Glass	61-173	1	5	19	330	1.40	Socket	61-175	1	10	9
098	10.20	Glass	61-173	1	5	24	331	.60	Socket	61-175	1	10	9
099	3.90	Glass	61-173	1	5	8	332	.70	Socket	61-175	1	10	10
119	1.15	Reflector	61-145	2	10	10	333	1.15	Socket	61-175	1	10	15
120	1.45	Reflector	61-145	2	10	15	334	.70	Socket	61-175	1	10	10
157	2.50	Hood	61-148	2	10	20	335	1.15	Socket	61-175	1	10	10
158	2.90	Hood	61-165	Should be S# 789167	2	10	352	3.00	Reflector	.....	..	10	30
167	2.40	Hood	61-148	4	10	20	353	2.20	Reflector	.....	..	10	30
789168	2.80	Hood	61-165	Should be S# 789168	1 & 2	10	842000	P.L. 60-520	Photolux	61-173	4	..	..
			61-148	4	5	15	001	P.L. 60-520	Photolux	61-173	4	..	..
			61-165	1 & 2	5	15	003	P.L. 60-520	Photolux	61-173	4	..	..
			61-148	4	5	15	004	P.L. 60-520	Photolux	61-173	4	..	..
			61-165	1 & 2	5	15	006	P.L. 60-520	Photolux	61-173	4
							842007	P.L. 60-520	Photolux	61-173	4

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